

**ACTION MEMORANDUM
TIME CRITICAL REMOVAL ACTION
FOR
SITE 1 - LAGOON LANDFILL
NAVAL AIR WEAPONS STATION POINT MUGU
POINT MUGU, CALIFORNIA**

**FINAL
October 1996**

**DEPARTMENT OF THE NAVY
Engineering Field Activity West
Naval Facilities Engineering Command
San Bruno, California**

Naval Air Weapons Station Point Mugu
Point Mugu, CA 93042

October 1996

**SUBJECT: ACTION MEMORANDUM/REMOVAL ACTION WORK PLAN FOR
REMOVAL ACTION AT NAVAL AIR WEAPONS STATION (NAWS)
POINT MUGU INSTALLATION RESTORATION (IR) SITE 1,
POINT MUGU, CALIFORNIA**

Site status: Non-NPL

Category of Removal: Time Critical Removal Action

CERCLIS ID: CA917002727100

Site ID: NAWS Point Mugu, IR Site 1, Lagoon Landfill

1.0 PURPOSE

The purpose of this ACTION MEMORANDUM/REMOVAL ACTION WORK PLAN (RAW) (Hereinafter "Action Memorandum") is to document, for the Administrative Record, the U.S. Department of the Navy's (DON) decision to undertake a Time Critical Removal Action (TCRA) for soil at Site 1, the Lagoon Landfill, at NAWS Point Mugu. The TCRA is being undertaken because severe erosion of the landfill embankment is causing solid waste and potentially hazardous substances in soil to migrate from the landfill boundary into Mugu Lagoon. The Department of Defense has the authority to undertake Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) response actions, including removal actions, under 42 U.S.C. Section 9604, 10 U.S.C. Section 2705 and federal Executive Order 12580. Further, this removal action is consistent, to the maximum extent possible, with Chapter 6.8, California State Health and Safety Code (Ca-HSC).

The proposed TCRA will prevent further soil erosion and solid waste migration from occurring along the eastern edge of the landfill boundary. This will be accomplished through installation of a riprap wall in locations where landfill embankment erosion is caused by tidal action and flood events. By doing this, the proposed action will halt the migration of solid wastes, potentially hazardous substances, and chemicals of concern (COC) that may be in soil. Furthermore, the action will mitigate the erosion of the landfill embankment thereby eliminating exposure of ecological receptors, which may be adversely affected by solid waste and soil releases into the Mugu Lagoon and the adjacent wetlands.

This TCRA for Site 1 addresses only the erosion of the landfill embankment and is not a final remedy. The final remedy for Site 1 will be identified based on future DON decisions and feasibility activities for the site.

The proposed Removal Action for this site is deemed consistent with: (1) the factors set forth in the National Contingency Plan (NCP), Title 40 of the Code of Federal Regulations (40 CFR) Part 300, and (2) Chapter 6.8, Ca-HSC, based on the findings of:

- Actual or potential exposure to hazardous substances, pollutants, or contaminants by nearby human populations, animals, or the food chain.
- Actual or potential contamination of drinking water supplies or sensitive ecosystems.
- Weather conditions that may cause hazardous substances, pollutants, or contaminants to migrate or be released.

There are not any nationally-significant or precedent-setting issues for this site.

2.0 SITE CONDITIONS AND BACKGROUND

2.1 SITE DESCRIPTION

2.1.1 Removal Site Evaluation

Site 1 was first identified to be included as a site within the DON's IR program from an initial assessment study performed by Stearns, Conrad, and Schmidt (SCS) and Landau Associates (1985). Site 1, the Lagoon Landfill, was actively used until 1979. Since that time it has been used occasionally for disposal of dredged material (PRC Environmental Management, Inc. [PRC] and James M. Montgomery Consulting Engineers, Inc. [JMM] 1993). The disposal areas within Site 1 are described below:

- A solid waste fill area (about 19 acres at the southern end of the landfill) was used from 1965 to 1975

- A northern burn and fill area (about 6 acres at the northeastern end of the site between the eastern ends of 12th and 13th Streets) was used from 1952 to 1959 for open burning and disposal of residential, industrial, and maintenance shop wastes
- A southern burn and fill area (about 7 acres at the southeastern corner of the landfill) was used from 1959 to the mid-1960s for open burning and disposal of residential, industrial, and maintenance shop wastes. This area is located within the 19 acres of the solid waste fill disposal area
- A dredge materials disposal area (about 10 acres located south of 13th Street) was used from the 1950s to the mid-1970s for storage and disposal of dredge material from Calleguas Creek and Mugu Lagoon

Volumes of solid waste that were burned or buried at Site 1 have been estimated during previous assessment at about 10,000 tons annually (PRC and JMM 1993). Potential wastes reportedly disposed of at Site 1 (and the total estimated quantities disposed of) included:

- Waste oil and solvents (about 25,000 to 60,000 gallons)
- Paint, paint sludge, and thinner (about 2,000 to 4,000 gallons)
- Transformer oil filters containing polychlorinated biphenyl (PCB) (about 10 to 50 pounds)
- Waste dental amalgam containing 50 percent mercury (about 200 to 400 pounds)
- Unrinsed empty pesticide drums and packages (about 200 to 500 containers)

Site access by humans is partially controlled by topographic barriers, such as mounds and wetlands, and a low wire fence.

The east side of Site 1 has been subject to erosion by tidal action and by periodic flooding of Calleguas Creek. The landfill embankment has been sufficiently eroded to expose solid waste debris and soils from the landfill. Continued erosion will increase the migration of solid waste and soil with potentially hazardous contaminants from the landfill to Mugu Lagoon. Migration will occur through surface runoff and sediment transport caused by tidal events and periodic flooding of Calleguas Creek.

Key problem areas for Site 1 include the following:

- Significant erosion of the eastern landfill embankment exposing landfilled wastes
- Potentially hazardous substances pose an increased threat of a release to the sensitive habitats and special status species located directly adjacent to the eastern landfill embankment

2.1.2 Physical Location

NAWS Point Mugu is located in Ventura County, California, about 50 miles northwest of Los Angeles (Figure 2-1). The facility is within the Ventura Basin, on the Oxnard Plain, and lies at the foothills of the Santa Monica Mountains (Figure 2-2). NAWS Point Mugu is bordered by Highway 1 on the north and east, the Pacific Ocean on the south and west, and a Ventura County game reserve on the west and northwest (Figure 2-3). NAWS Point Mugu covers about 4,500 acres and contains 897 buildings, including 568 housing units.

Site 1 is located south of 12th Street, east and southeast of the Fuel Farm (Site 3), and north of Dump Road. A small portion of the landfill is located between 12th and 13th Streets, and the main portion of the landfill is located south of 13th Street. The eastern portion of the landfill is directly adjacent to Site 11, Mugu Lagoon (Figure 2-4), near the mouth of Calleguas Creek. The eastern landfill border is adjacent to the intertidal mudflats (wetlands) area of the Mugu Lagoon.

The primary mission of the facility is to serve as a major center for naval weapons systems testing and evaluation. The climate is characterized as moderately humid with mild, moist winters and warm, dry summers. The average annual precipitation in the area is about 11.84 inches and rainfall occurs mostly during the winter months (PRC and JMM 1993). There are residences, public areas, and facilities within a 1- mile radius of NAWS Point Mugu. Site 1 is located directly adjacent to Mugu Lagoon, Site 11, which includes vulnerable and sensitive populations, habitats, and natural resources. The sensitive habitats include wetlands, intertidal mudflats, tidal marsh, and open water. These habitat support several special status species, including the California brown pelican, California least tern, the elegant tern, and the harbor seal (Onuf 1987).

2.1.3 Site Characteristics

Site 1 is an inactive landfill that is owned and was operated by the DON. In accordance with CERCLA presumptive remedy guidance, limited characterization of the landfill content has occurred. The potentially hazardous substances and landfilled wastes that were reportedly disposed of at Site 1 are listed in Section 2.1.1. The site is roughly trapezoidal in shape and measures about 1,400 feet along the southern edge, 525 feet along the northern edge, and is 2,000 feet from north to south (PRC and JMM 1993) (Figure 2-4).

This is the first removal action performed at Site 1.

2.1.4 Release Or Threatened Release Into The Environment Of A Hazardous Substance Or Pollutant Or Contaminant

Hazardous substances, as defined by Section 101(14) of CERCLA, and pollutants and contaminants, as defined by Section 101(33) of CERCLA, have been reportedly disposed of in the Lagoon Landfill. These substances may potentially include: waste oil and solvents (about 25,000 to 60,000 gallons); paint, paint sludge, and thinner (about 2,000 to 4,000 gallons); transformer oil filters contaminated with PCBs (about 10 to 50 pounds); waste dental amalgam containing 50 percent mercury (about 200 to 400 pounds); and unrinsed empty pesticide drums and packages (about 200 to 500 containers) (PRC and JMM 1993).

Of major concern is the continued erosion of the landfill embankment exposing solid wastes and the increased potential of migration of soils that may contain hazardous substances, as described above. The erosion is occurring along the eastern landfill margin and solid wastes are deposited into Mugu Lagoon as a result of tidal action, storm surges, and periodic flooding of Calleguas Creek (Figure 2-4). Erosion has already resulted in the exposure of solid wastes that had previously been buried in the landfill. A significant storm surge or Calleguas Creek flood event will result in an acceleration of the erosion process and result in the additional release of solid wastes from the landfill. The rate of release of solid waste and potentially hazardous substances from the landfill is not known because of the random nature of storm surges and flooding events and the uncertainty regarding the exact nature and extent of potentially hazardous substances within the landfill.

2.1.5 NPL Status

NAWS Point Mugu is not an NPL site nor has it been proposed for the NPL. NAWS Point Mugu has not received a Hazard Ranking Score and is not expected to receive one. The site is not being evaluated by the Agency for Toxic Substances and Disease Registry (ASTDR) for the need to dissociate residents from threats.

2.1.6 Maps, Pictures and Other Graphic Representations

Figure 2-1 presents the location of NAWS Point Mugu in relation to other areas of Southern California and Figure 2-2 presents the location of NAWS Point Mugu within the Oxnard Plain. Figure 2-3 presents the location of Site 1 at NAWS Point Mugu and Figure 2-4 presents the Site 1 disposal and source areas. Figure 5-1 presents the location for placement of the riprap wall and construction of a staging area and access road. Figure 5-2 provides a conceptual illustration of a riprap wall

2.2 OTHER ACTIONS TO DATE

2.2.1 Previous Actions

Site 1 has been investigated by the DON in accordance with CERCLA and state requirements as part of the DON's IR program. The DON's IR program includes several CERCLA equivalent phases that have been previously conducted at Site 1. These include: a preliminary assessment (PA); site inspection (SI); remedial investigation (RI); and community relations regarding the site (PRC and JMM 1993). Site 1 is currently in the removal action phase of the CERCLA process.

The PA was conducted in 1987 and served as an initial analysis of existing information to determine if Site 1 required additional investigation. The SI was conducted in 1991 and included an on-site visual inspection and limited confirmation sampling activity to confirm the presence of hazardous substances, pollutants, or contaminants to the environment and to determine the nature of the associated threat. The RI was conducted in 1993 to define further the nature and extent of confirmed releases of hazardous substances, pollutants, or contaminants to the environment (PRC 1995). The RI also included a risk assessment and sufficient site characterization to support and justify removal actions,

feasibility studies, and other remedial decisions for a site. The community relations program for NAWS Point Mugu and the Oxnard Plain commenced 1992 and included a community relations plan (CRP), a monthly restoration advisory board (RAB) meeting for the Oxnard Plain, fact sheets to describe actions and activities, and development of the Administrative Record.

2.2.2 Current Actions

As the lead agency, the DON initiated a community relations program (CRP) in coordination with the California Environmental Protection Agency - Department of Toxic Substances Control (DTSC) and the Los Angeles Regional Water Quality Control Board (LA-RWQCB), U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service, and the California Department of Fish and Game. The CRP is intended to solicit community input and to keep the community informed as to the action's status. Comments are being solicited from the public on the DON's TCRA. The DON and the DTSC share this concern for public involvement. Documents from the Administrative Record will be available in the information repository, which has been established at:

Oxnard Public Library
251 South A Street
Oxnard, California 93030
(805) 385-7500

and

NAWS Point Mugu
Base Library
Point Mugu, California 93042-5000
(805) 989-7771

The Oxnard Public Library is open Monday through Thursday from 10:30 a.m. to 8:00 p.m., and Saturday from 9:00 a.m. to 5:30 p.m. The library is closed on Fridays and Sundays. The Base Library is open Monday through Thursday from 9:30 a.m. to 9:00 p.m., Friday and Saturday from 9:30 a.m. to 5:00 p.m., and Sunday from 1:00 p.m. to 5:00 p.m. The Base Library may only be accessed by on-base personnel.

The Administrative Record file is available for public review at the information repositories, and public comments should be provided to:

Ms. Chris Potter
Southwest Division
Naval Facilities Engineering Command
Environmental Division
1220 Pacific Highway
San Diego, California 92132-5181
(619) 532-1144

Appendix A presents the Administrative Record Index for this TCRA. The public comment period for the TCRA lasted from August 3 to September 2, 1996, and resulted in public comments addressed in this final Action Memorandum for Site 1. These public involvement activities are an effective means of informing the public of the TCRA activities to be undertaken at Site 1.

2.3 STATE AND LOCAL AUTHORITIES' ROLE

2.3.1 State and Local Actions to Date

As previously alluded to, Federal Executive Order No. 12580 delegates to the Department of Defense the President's authority to undertake CERCLA response actions. Congress further outlined this authority in its Defense Environmental Restoration Program (DERP) Amendments, which can be found in 10 U.S.C. Sections 2701-2705. Both CERCLA Section 120(f) and 10 U.S.C. Section 2705 require DON facilities to ensure that state and local officials be given the timely opportunity to review and comment on DON response actions. CERCLA Section 120 further requires the DON to apply state removal and remedial action law requirements at its non-national priorities list (NPL) facilities.

Accordingly, DTSC, LA-RWQCB, USACE, U.S. Fish and Wildlife Service, and California Department of Fish and Game have provided technical advice and oversight during the PA, SI, and RI phases of the IR program. These agencies have also been involved in working meetings to discuss activities and actions proposed and taken at NAWS Point Mugu.

The DTSC is in the process of preparing an initial study, pursuant to the California Environmental Quality Act (CEQA) (California Public Resources Code, Section 21000, et seq.). Based on the initial study, public comment period, and the public comments, DTSC will prepare the appropriate document upon the completion of evaluating the potential impact of the removal action on the environment.

2.3.2 Potential for Continued State and Local Response

The DTSC, LA-RWQCB, USACE, U.S. Fish and Wildlife Service, and California Department of Fish and Game have provided technical advice and oversight and assistance with scoping during this removal action and will continue to do so throughout the IR process. It is expected that the DON's Defense Environmental Restoration Account (DERA) funds will continue to be the exclusive source of funding for this program.

3.0 THREATS TO PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT, AND STATUTORY AND REGULATORY AUTHORITIES

In accordance with the NCP, the following threats must be considered in determining the appropriateness of a removal action (40 CFR Section 300.415(b)(2)).

- Actual or potential exposure to hazardous substances or pollutants or contaminants by nearby human populations, animals, or the food chain
- Actual or potential contamination of drinking water supplies or sensitive ecosystems
- Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers that may pose a threat of release
- High levels of hazardous substances or pollutants or contaminants in soils, largely at or near the surface, that may migrate
- Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released
- Threat of fire or explosion
- Other situations or factors that may pose threats to public health or welfare and the environment

3.1 THREATS TO PUBLIC HEALTH OR WELFARE

None of the above listed threats apply to conditions at NAWS Point Mugu for public health or welfare; erosion of solid wastes and soils from Site 1 impacts the environment only, specifically the adjacent Mugu Lagoon sensitive mudflat and wetland habitat and species. The Mugu Lagoon is not open to public use and human health chemicals of concern are not part of the criteria for this TCRA.

3.2 THREATS TO THE ENVIRONMENT

Three of the above-listed threats apply to conditions at NAWS Point Mugu Site 1. These are:

Actual or potential exposure to hazardous substances or pollutants or contaminants by nearby human populations, animals, or the food chain

There is an increased potential for the release of solid waste and potentially hazardous substances in soil from the landfill through the erosion of the landfill embankment. Such a release may contaminate surface water or sediment and could affect ecological receptors in the adjacent Mugu Lagoon through the erosion of solid wastes and soils from the embankment and deposit into the adjacent habitat

Actual or potential contamination of drinking water supplies or sensitive ecosystems

If no action is taken to prevent further erosion, the threat of a release of solid wastes and potentially hazardous substances from within the landfill soils will be increased. A release would occur into the intertidal mudflat and tidal marsh area of Mugu Lagoon, a sensitive coastal wetland ecosystem that supports a number of endangered and threatened species, including the California brown pelican, California least tern, the elegant tern, and the harbor seal (Onuf 1987).

Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.

A significant storm event in the area will greatly accelerate the rate of erosion of the eastern embankment of the Lagoon Landfill. This accelerated erosion could cause a more rapid release and migration of solid wastes and soil materials to Mugu Lagoon than has previously occurred under normal weather conditions.

3.3 RISK EVALUATION

Specific ecological risks have not be quantified for this TCRA since the action focuses on the physical migration and release of solid waste and potentially hazardous substances in soils from the landfill margin into Mugu Lagoon.

4.0 ENDANGERMENT DETERMINATION

Actual or threatened releases of solid waste and potentially hazardous substances from this site, if not addressed by implementing the response action selected in this Action Memorandum, may present an imminent and substantial endangerment to public health, welfare, or the environment. At Site 1, there exists a significant threat to the environment of a release of solid wastes which may migrate into the sediment or surface water of Mugu Lagoon.

The current condition of the eastern landfill embankment at Site 1 and the potential for additional erosion as a result of a coastal storm or flood event demonstrate that conditions at Site 1 present immediate and severe threats to the adjacent ecosystem. The threat of release and migration of solid waste materials and potentially contaminated soil to the adjacent wetland and the lagoon is of primary concern.

5.0 PROPOSED ACTIONS AND ESTIMATED COSTS

5.1 PROPOSED ACTION

5.1.1 Proposed Action Description

The proposed removal action at Site 1 is the construction of a riprap wall along 1,600 feet on the eastern edge of the landfill to prevent additional erosion of soils and exposure of solid wastes along the eastern edge of the landfill. Aerial photographs indicate that significant erosion has occurred along about 400 feet of the landfill where tidal currents and storm flows scour soil from the base of the embankment. Moderate erosion is also occurring along the entire 1,600 feet of the eastern landfill margin, as demonstrated by the visibly exposed solid wastes in these areas.

The removal action has been determined to be a TCRA due to the ecological activities that occur annually in the adjacent Mugu Lagoon from April to September. These activities include migration and nesting of sensitive species. To ensure that this removal action is conducted during the period least likely to disturb the adjacent ecosystem, the removal action must take place in the time period between September 1996 and April 1997. The short planning period and need to complete this removal action to keep solid wastes from continuing to erode and migrate into Mugu Lagoon has made it a TCRA. No sampling or investigation of contaminants will be conducted during this TCRA.

The riprap wall will minimize solid waste release and migration from the landfill to Mugu Lagoon by ensuring that the solid waste and soil potentially containing hazardous substances in the landfill will be contained and not transported into the lagoon. The riprap wall will consist of large quarrrystones that will line the embankment. These quarrrystones will absorb the energy exerted by tides, currents, storm surges, and any small waves that may occur during high tides and storms.

Placement of the riprap wall will be preceded by construction of a staging and access area, including an access road (see Figure 5-1). The staging area will be scraped to a level surface. The access road will be paved to accommodate use by heavy equipment for construction of the riprap wall and the staging area will have a chip-seal cover to prevent dust and erosion due to traffic. To prevent unauthorized access to landfill areas, a security fence will also be constructed around the staging area and landfill access points that are not protected by topographic barriers.

Recontouring of the landfill embankment will be completed to create a slope that will support the riprap wall, particularly in areas where significant erosion has occurred. All debris removed during recontouring and remaining soil from scraping and recontouring will be disposed of in accordance with federal, state, and local regulations and in accordance with local landfill requirements. The quarrrystones will be randomly placed to a minimum thickness of about 45 inches. The quarrrystone will be angular for maximum stability. Figure 5-2 provides a conceptual illustration of a riprap wall. The erosion control provided by the quarrrystones will be supplemented by use of geotextile fabric to line the landfill embankment. The fabric will provide a filter to hold fine-grained soils within the landfill while continuing to allow water to freely move. Post construction activities will include restoration of areas disturbed during construction, including replacement of vegetation in those disturbed areas to control erosion. The California Department of Fish and Game will be consulted for information pertaining to the revegetation

efforts, specifically for vegetation plans, schedules, and means of success. The structure will be designed to minimize needed repairs following storms and other critical events.

Specific tasks required for implementation of this TCRA are as follows:

- Construction of a staging area and access road
- Construction of a security fence to limit landfill access
- Recontouring of the landfill, including removal of debris and/or placement of fill to create an embankment slope that will support the riprap wall
- Site clearing prior to construction of the riprap wall
- Installation of a geotextile fabric to line the landfill embankment to hold fine-grained soils within the landfill
- Random placement of quarrrystones to a minimum thickness of 45 inches along 1,600 feet of the eastern edge of the landfill, extending into the mudflat area to retard scouring at the toe of the slope of the landfill embankment
- Replacement of vegetation disturbed during construction activities to control erosion

The total estimated cost for construction of a riprap wall is \$561,463. In addition, alternatives for the long-term remedy at the site will be developed as part of a feasibility study, which may address institutional controls, containment, slurry or grout walls, monitoring, and other appropriate alternatives.

5.1.2 Contribution to Remedial Performance

The long-term cleanup plan for Site 1 has not been determined, but threat of release and migration of solid waste will be addressed by this removal action. Although the erosion control structure for Site 1 does not address groundwater contamination, stabilization of the landfill embankment and halting the migration of solid waste is consistent with the U.S. Environmental Protection Agency's (EPA) presumptive remedy for landfills, which recommends containment as the preferred remedy for landfills.

In the low energy climate that typically exists within Mugu Lagoon, a riprap wall with geotextile fabric will be effective in retaining solid wastes and landfill soils. The riprap wall would also be useful in preventing the erosion of soil and the exposure of solid waste in the event of a flood from the nearby

Callegaus Creek. The large mudflats and low tidal marsh areas adjacent to the landfill prevent the formation of most large waves that could cause significant tidal erosion.

Construction of a riprap wall will comply with applicable or relevant and appropriate requirements (ARARs). Overall, the riprap wall will have positive environmental consequences by preventing solid wastes and soils from the landfill from eroding into the adjacent mudflat habitats and Mugu Lagoon, both of which support a variety of wildlife and special status species.

5.1.3 Description of Alternative Technologies

Two other removal action alternatives were considered for implementation at Site 1: (1) the construction of a concrete revetment and (2) placement of gabions along the embankment. Each alternative was compared against the selected alternative for effectiveness, implementability, and cost. Both of these technologies have been used extensively by the USACE for erosion control and would provide long-term containment of hazardous substances within the landfill. No short-term risks are associated with either alternative and both would provide for a timely response. However, the selected alternative, discussed in Section 5.2, was determined to be equally effective and implementable at a lower cost. The description of each alternative and the reason for rejection is briefly presented in the following paragraphs.

Concrete Revetment

Site preparation and site restoration requirements for implementation of this alternative are similar to those for a riprap wall. In addition, an anchor trench would need to be excavated along the top of the embankment for stabilization of the concrete revetment structure. Concrete revetment technology is extensively used by the USACE for channel stabilization and bridge abutment construction. A widely used type of concrete revetment is called Fabriform®, which is manufactured by Construction Techniques Inc. (Contech). Fabriform® is a nylon mesh mat comprised of multiple interlocking layers of fabric that holds the concrete in place and provides additional compressive strength for the concrete form. The forms are constructed in different panel sizes required for each specific job.

The articulating block form mat is installed with nylon rope cables contained within the nylon mesh fabric. The cables are required to hold the mat in place during tidal and storm events. The cables are tied to the

section of the completed form that is placed in the anchor trench. The anchor trench is required to restrict movement of the entire completed form and would need to be a 2-foot-wide by 2-foot-deep trench that would run along the top of the 1,600 feet of the landfill embankment. A Portland cement fine sand mixture is used for the grout material in the form which is pumped into each individual panel until the form is completely filled. The individual fabric panels are stitched together with a bag closer at both the top and bottom layers of fabric. The fabric would be staked at predetermined locations to allow for fabric contraction.

The concrete revetment would be effective in minimizing erosion of solid waste from the landfill embankment. Maintenance would be required to repair any large cracks in the concrete form that could compromise the integrity of the revetment. Direct impacts on the ecosystem would be limited to a very small area adjacent to the landfill that would be impacted directly by the revetment. This alternative could be implemented using conventional construction techniques and equipment. The required services and materials for this alternative are readily available. Indirect costs to construct the revetment include contractor profit, construction inspection, permitting, health and safety code requirements, contingency planning, engineering, and routine maintenance and repairs. The indirect costs were calculated as a percentage of the total direct costs. The total direct and indirect costs for constructing a concrete revetment are about \$600,000.

This alternative was rejected based on implementability. The effectiveness of the structure would be comparable to the riprap wall and the cost associated with construction of the concrete revetment would be similar. However, the adjacent habitat would be impacted more by this alternative due to the anchoring requirements needed to complete the structure.

Gabion Wall

The gabion wall would differ from a riprap wall in that square wire cages containing riprap (gabions) would be used along the entire landfill margin instead of quarriestones. Site preparation and site restoration requirements for implementation of this alternative, such as the construction of an access road and recontouring of the landfill, are similar to those for a riprap wall. The structure would be effective in preventing erosion and gabions are flexible and are resistant to slumping caused by scouring around the base of the wall.

A gabion wall would reduce direct impacts on the adjacent ecosystem by limiting the construction footprint to the area directly adjacent to the landfill embankment. Installation of a geotextile filter would reduce erosion to mudflat areas. This alternative would be implementable using conventional construction techniques and equipment, and similar structures have been constructed successfully at other locations throughout the U.S. Research on gabions has been conducted by the USACE and several guidance documents have been published. All required services and materials for this alternative would be readily available. The direct costs of a gabion wall would include site preparation, placement of the revetment, and site restoration. Indirect costs include contractor profit, construction inspection, permitting, health and safety code requirements, contingency planning, and engineering. The total calculated cost for a gabion wall is about \$775,000.

This alternative was rejected based on implementability and cost. The effectiveness of the structure would be comparable to the riprap wall and may exceed the performance of riprap in an unusually large erosion or storm event. The implementability of the structure would be comparable to riprap wall construction but may require additional coordination and construction activities to ensure correct placement of the gabions. The costs associated with construction of the gabion wall would be significantly higher, about 1.4 times the cost of the riprap wall construction.

5.1.4 Engineering Evaluation/Cost Analysis

An engineering evaluation/cost analyses is not required for TCRA.

5.1.5 Applicable or Relevant and Appropriate Requirements

Section 300.415(I) of the NCP provides that removal actions must attain applicable or relevant and appropriate requirements (ARAR) to the extent practicable, considering the exigencies of the situation.

Section 300.5 of the NCP defines applicable requirements as cleanup standards, standards of control, and other substantive environmental protection requirements, criteria or limitations promulgated under Federal environmental or State environmental or facility siting laws that specifically address a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstances at a CERCLA site.

Section 300.5 of the NCP defines relevant and appropriate requirements as cleanup standards, standards of control, and other substantive requirements, criteria, or limitations promulgated under Federal environmental or State environmental or facility siting laws that, while not “applicable” to a hazardous substance, pollutant, or contaminant, remedial action, location, or other circumstances at a CERCLA site, address problems or situations sufficiently similar to those encountered at the CERCLA site and are well-suited to the particular site.

Because CERCLA on-site response actions do not require permitting, only substantive requirements are considered as possible ARARs. Administrative requirements such as approval of, or consultation with administrative bodies, issuance of permits, documentation, reporting, record keeping, and enforcement are not ARARs for CERCLA actions confined to the site.

Only those state standards that are identified by a state in a timely manner and are more stringent than federal requirements may be applicable or relevant and appropriate.

There are three types of ARARs. The first type include “contaminant specific” requirements. These ARARs set limits on concentrations of specific hazardous substances, contaminants, and pollutants in the environment. Examples of this type of ARAR are ambient water quality criteria and drinking water standards. The second type of ARAR includes location-specific requirements that set restrictions on certain types of activities based on site characteristics. These include restrictions on activities in wetlands, floodplains, and historic sites. The third type of ARAR includes action-specific requirements. These are technology based restrictions which are triggered by the type of action under consideration. Examples of action-specific ARARs are Resource Conservation and Recovery Act regulations for waste treatment, storage, and disposal.

ARARs must be identified on a site-specific basis from information about specific chemicals at the site, specific features of the site location, and actions that are being considered as removal actions. Federal ARARs were reviewed. The DON has also reviewed the state ARARs lists provided by the state for removal actions at Sites 1, 4, 5, 7, and 9 (Appendix B). ARARS that were identified to apply directly to the removal action at Site 1 were incorporated into this Action Memorandum.

The purpose of the TCRA is to provide containment of solid waste at the Lagoon Landfill by installing a riprap wall. This removal does not address a final action for the landfill given the limited scope of the action. The DON has determined that Title 22 and Title 14 regulations identified by the state concerning closure of landfills are not ARARs for this TCRA. Because soil will be excavated as part of the removal, the DON has determined that regulations pertaining to characterization of soil as hazardous is an ARAR. If the soil meets hazardous waste characteristics, the regulations for temporary storage and determination of whether the soil is subject to land disposal restrictions will be ARARs.

Those federal and state chemical-, action-, and location-specific ARARs determined to be specific to the removal action for Site 1 are presented below:

Federal ARARs

- **Statement of Procedures on Floodplain Management and Wetlands Protection (40 CFR 6, App. A)** - Federal agencies shall avoid, wherever possible, the long- and short-term impacts associated with the destruction of wetlands and the occupancy and modification of flood plains and wetlands development wherever there is a practicable alternative in accordance with Executive Orders 11990 and 11988. The agency shall promote the preservation and restoration of flood plains so that their natural and beneficial values can be realized
- **40 CFR Part 230: Clean Water Act Guidelines for Disposal of Dredged or Fill Material (33 U.S.C. §1344)** - No discharge of dredged or fill material shall be permitted if there is a practicable alternative to the discharge which would have a less adverse impact to the aquatic ecosystem, so long as the alternative does not have other significant adverse environmental consequences. Appropriate and practicable steps must be taken which will minimize the potential adverse impacts of the discharge of the dredged material on the aquatic ecosystem
- **33 CFR parts 320 through 330: Rivers and Harbors Act of 1899 (33 U.S.C. §401)** - Prohibits the unauthorized obstruction or alteration of any navigable water of the United States
- **Migratory Bird Act of 1973** - Prohibits taking, importing, exporting, possessing, buying, selling, purchasing, or bartering of any migratory bird, unless a permit is obtained from the U.S. Fish and Wildlife Service. Feathers or other parts, nests, eggs, and products made from migratory birds are also covered by the Act. Take is defined as pursuing, hunting, shooting, poisoning, wounding, killing, capturing, trapping, or collecting.
- **OSHA 1910.29** - This section prescribes rules and requirements for the design, construction, and use of mobile work platforms (including ladder stands but not

including aerial ladders) and rolling (mobile) scaffolds (towers). It is promulgated to aid in providing for the safety of life, limb, and property, by establishing minimum standards for structural design requirements and for the use of mobile work platforms and towers.

State ARARs

- **Criteria for Identifying a Non-RCRA Waste as Hazardous: 22 California Code of Regulations (CCR), Section 66261.24(a)(2), 66261.22(a)(3)-(4)** - Use of soluble threshold limit concentration (STLC) and total threshold limit concentration (TTLC) values in identifying hazardous wastes
- **Criteria for Determining Whether Soil Must be Managed as a Hazardous Waste: 22 CCR, Section 66261.21, 66261.22 (a)(1)-(2), 66261.23, 66261.24(a)** - Listed criteria for use in identifying characteristics for determination of hazardous wastes
- **Storage of Hazardous Wastes in Temporary Units: 22 CCR, Section 66264.553** - Requirements for temporary storage of hazardous remediation wastes
- **Land Disposal Restrictions: 22 CCR, Section 66268.7(a)** - Requires generators to determine if a waste is subject to land disposal restrictions.
- **Endangered Species: California Department of Fish and Game Code, Section 2080** - Prohibits the taking of any endangered or threatened species
- **Wildlife Species: California Department of Fish and Game Code, Section 3005** - Prohibits the taking of bird and mammal species, including by poison
- **Aquatic Habitat/Species: California Department of Fish and Game Code, Sections 5650 (a), (b), and (f)** - Prohibits the deposition of certain materials, including materials deleterious to fish, plant life, or bird life
- **Wetlands: California Department of Fish and Game Commission Wetlands Policy (adopted 1987) included in California Department of Fish and Game Code Addenda** - Actions must be taken to assure that there is "no net loss" of wetlands acreage or habitat value. Action must be taken to preserve, protect, restore, and enhance California's wetland acreage and habitat value

The TCRA, construction of a riprap wall, will comply with the above-listed ARARs to the extent possible.

5.1.6 Project Schedule

The construction of a riprap wall at Site 1 is expected to begin in September 1996 and field activities are expected to be completed by December 1996. This schedule will minimize disruption of breeding and

nesting activities in accordance with U.S. Fish and Wildlife Service and California Department of Fish and Game requirements.

5.2 ESTIMATED COSTS

The DON has made a present worth estimate of the removal action costs. The estimated costs include the direct and indirect capital costs and the post removal site control (PRSC) costs of the alternative. The following items are considered capital costs PRSC and costs:

Direct Capital Costs

- Construction costs
- Equipment and material costs
- Transportation and disposal costs
- Analytical costs
- Contingency allowances
- Treatment and operating costs

Indirect Capital Costs

- Engineering and design expenses
- Legal fees and license or permit costs
- Start-up and shakedown costs

Annual PRSC Costs

- Operational costs
- Maintenance costs
- Auxiliary materials and energy requirements
- Disposal of residuals
- Monitoring costs
- Support costs

The estimated costs for the proposed action are as follows:

<u>Cost Category</u>	<u>Cost</u>
Clearing and Grubbing Site Preparation	\$14,205
Compaction of Soils	\$8,785
Construction of Access Road	\$62,278
Excavation/Grading	\$32,375
Geophysical Survey	\$13,395
Geomembrane Installation	\$19,943
Riprap Installation	\$174,375
Transportation to Disposal	\$20,930
Disposal Fees	\$42,677
Indirect Costs	\$172,500
Removal Action Total Cost	\$561,463

6.0 EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

If action should be delayed or not taken at Site 1, exposure of sensitive ecosystems to solid waste and soils containing potentially hazardous substances will continue from erosion due to tidal action and periodic flooding of Calleguas Creek. Solid waste will continue to spread from Site 1 to the adjacent coastal wetlands and Mugu Lagoon due to the erosion of the eastern margin of the site. This spread of solid waste and soils with potential hazardous materials may result in exposure of special status species that inhabit Mugu Lagoon. In addition, due to the ecological activities of breeding and nesting that typically occur between April and September and time needed to complete construction activities, delay in the removal action schedule will require that the action be postponed until September 1997.

If the action should be delayed or not taken, the solid waste and soils will continue to erode and migrate, thereby, potentially resulting in an increased effort to contain solid waste materials. This will result in an increase in construction activities related to the removal action.

7.0 PUBLIC INVOLVEMENT

The DON has circulated the draft final Action Memorandum and the Administrative Record for public comment. The public comment period on the draft final Action Memorandum and the Administrative Record was from August 3 to September 2, 1996.

8.0 OUTSTANDING POLICY ISSUES

There are no outstanding policy issues.

9.0 RECOMMENDATIONS

The Action Memorandum was prepared in accordance with current EPA and DON guidance documents for TCRAs under CERCLA. The purpose of this Action Memorandum was to identify and analyze a removal action to address landfill embankment erosion at NAWS Point Mugu Site 1. Three alternatives were identified, evaluated, and ranked. These alternatives included a riprap wall, a concrete revetment, and a gabion wall.

Based on the comparative analyses of the removal action alternatives completed in Section 5.1.3, the recommended removal action is construction of a riprap wall for erosion control at the landfill embankment at NAWS Point Mugu Site 1. This TCRA is recommended for Site 1 because it effectively minimizes the erosion that is currently taking place along the edge of the landfill in a cost effective manner. This action will prevent the solid waste and soils potentially containing hazardous substances, pollutants, and contaminants from migrating into Mugu Lagoon by erosion of the eastern landfill embankment.

This alternative is recommended because it is highly effective, is readily implementable, and the costs are comparable to or lower than other alternatives considered. The alternative is technically and administratively feasible, and all required services and materials are readily available.

This decision document represents the selected removal action for Site 1 at NAWS Point Mugu, Point Mugu, California, developed in accordance with CERCLA, as amended, and is not inconsistent with the

NCP. This decision is based on the Administrative Record file for this removal action for Site 1 at NAWS Point Mugu.

 CAPTAIN USN

(Base Commanding Officer)
(Rank, Branch of Service)

10-31-96

(Date)

10.0 REFERENCES

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 (Superfund) as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986. 42 United States Code (USC) Sections 9601-9675.

PRC Environmental Management, Inc. and James Montgomery Consulting Engineers, Inc. (PRC and JMM). 1993. "Final Remedial Investigation and Feasibility Study Work Plan for Naval Air Weapons Station Point Mugu, California." October.

PRC. 1995. "Preliminary Draft Remedial Investigation Technical Memorandum for Naval Air Weapons Station Point Mugu, California." December.

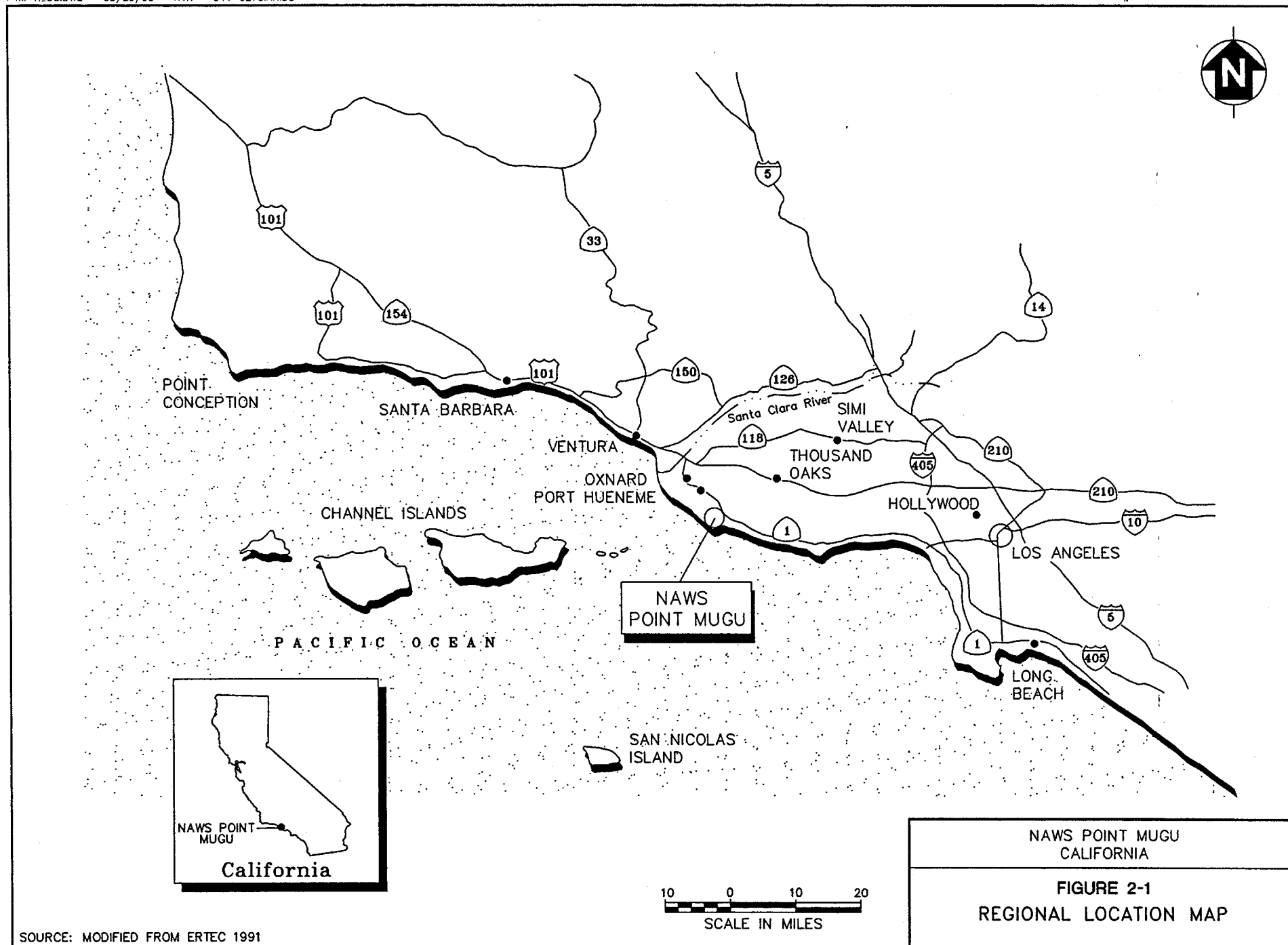
U.S. Environmental Protection Agency (EPA). 1990. "Superfund Removal Procedures: Action Memorandum Guidance." Office of Solid Waste and Emergency Response (OSWER) Directive 9360.3-01. December.

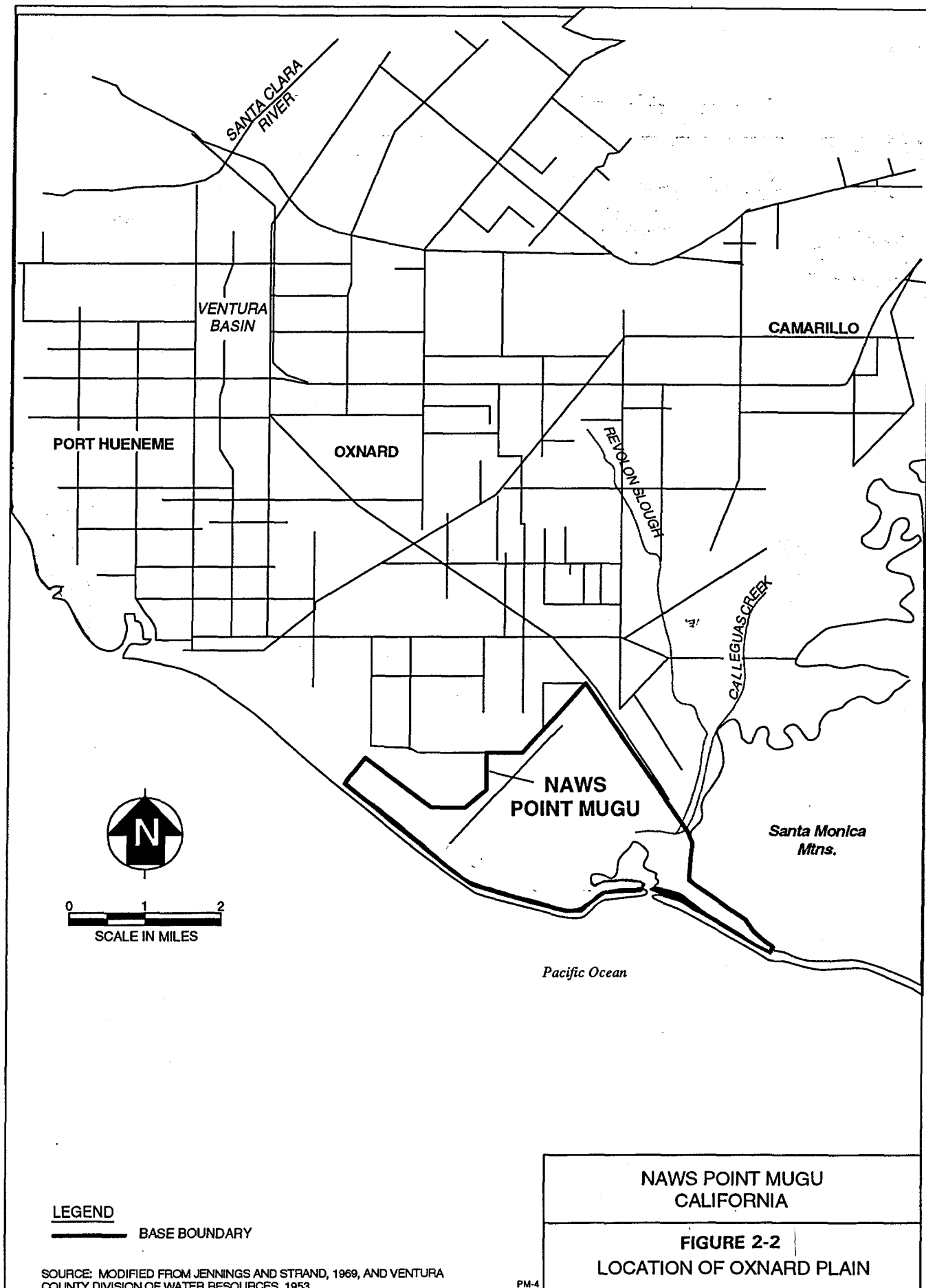
U.S. EPA. 1993. "Superfund Removal Procedures: Guidance on Consideration of ARARs During Removal Actions." OSWER Directive 9360.3-02. August.

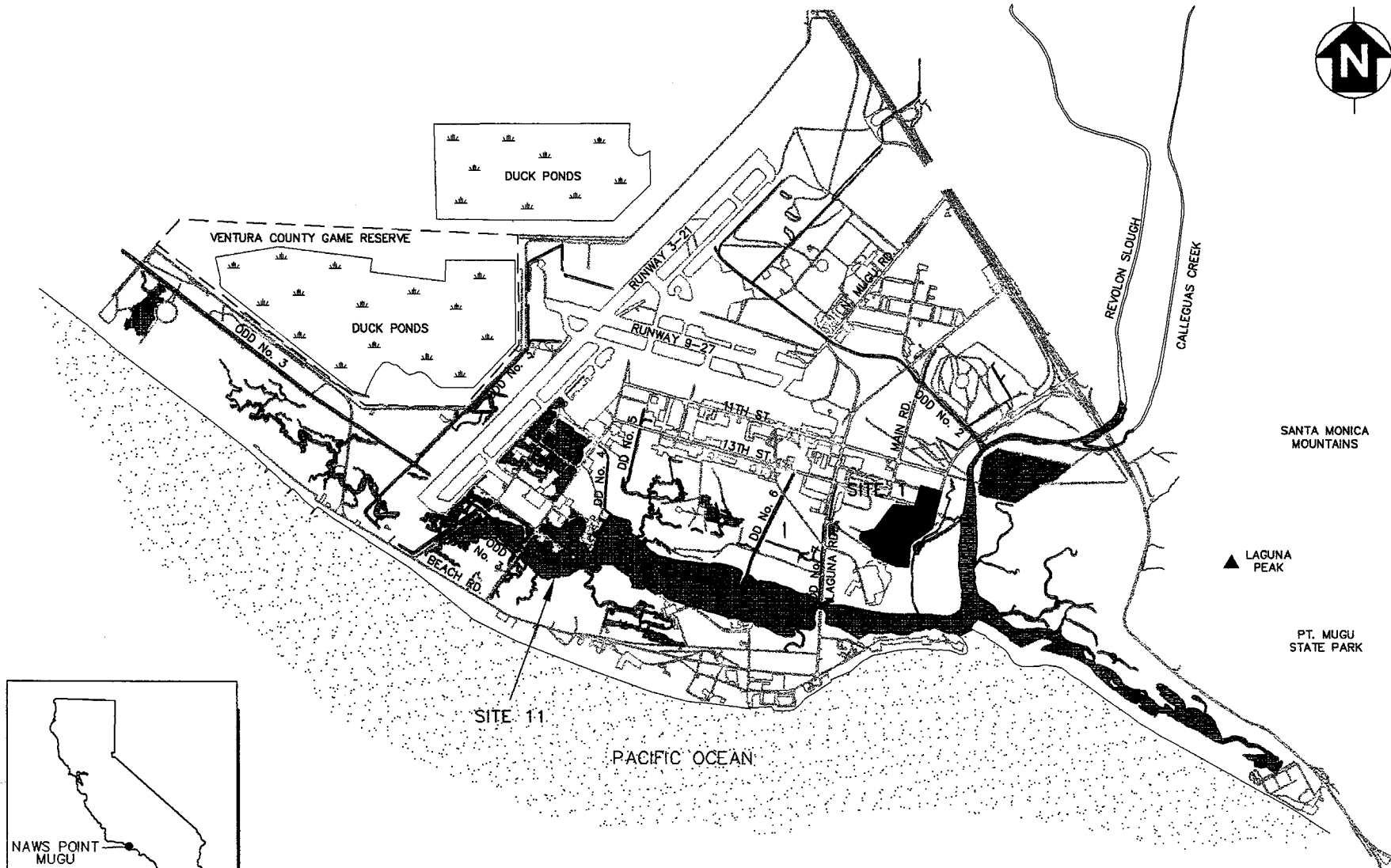
FIGURES

ACTION MEMORANDUM TIME CRITICAL REMOVAL ACTION FOR SITE 1 – LAGOON LANDFILL

DATED OCTOBER 1996

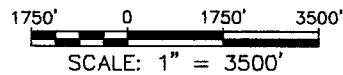






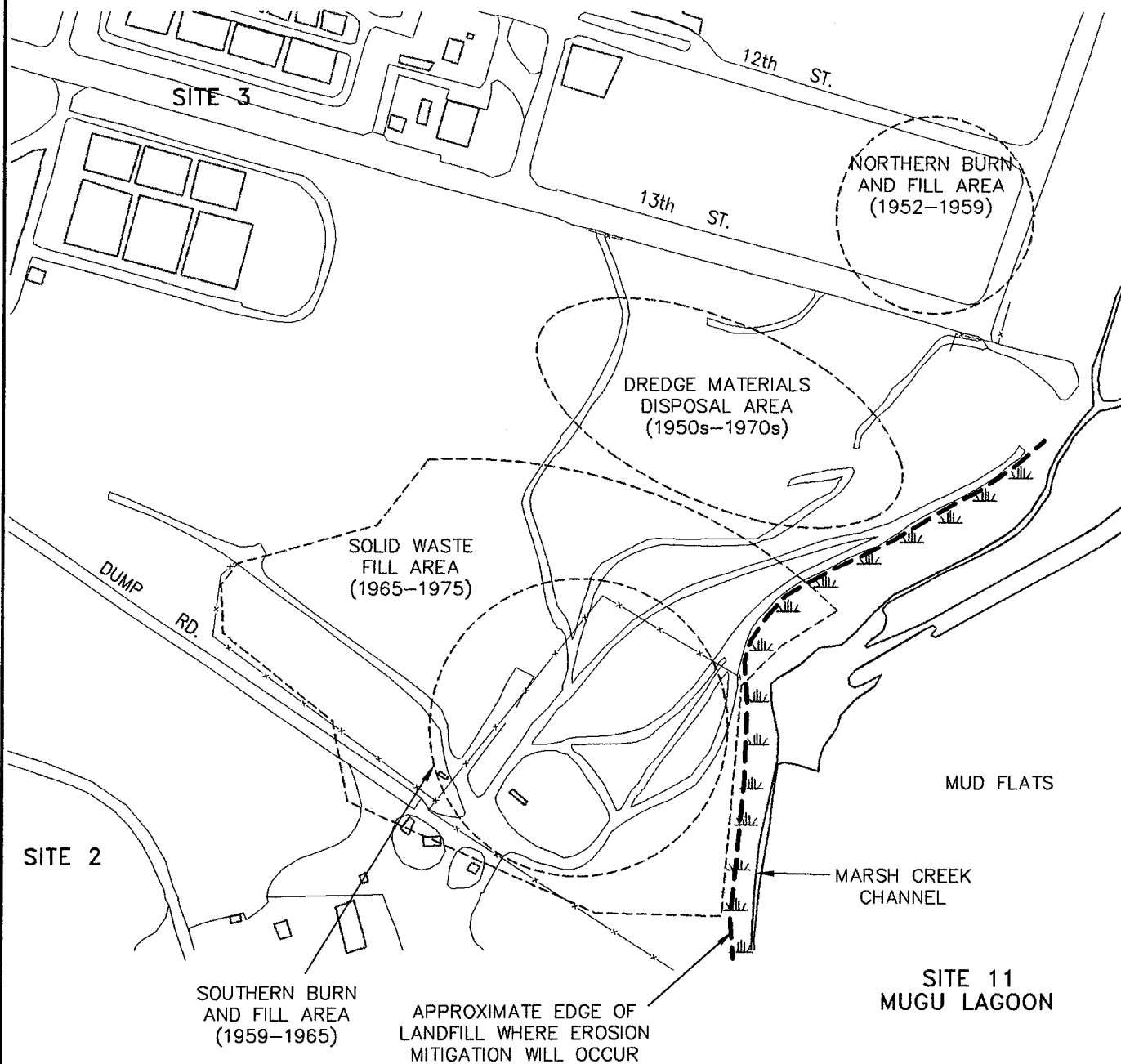
LEGEND

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DD DRAINAGE DITCH






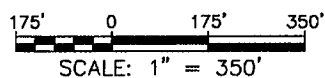
NAWS POINT MUGU
CALIFORNIA

FIGURE 2-3
SITE 1 LAGOON LANDFILL
SITE LOCATION



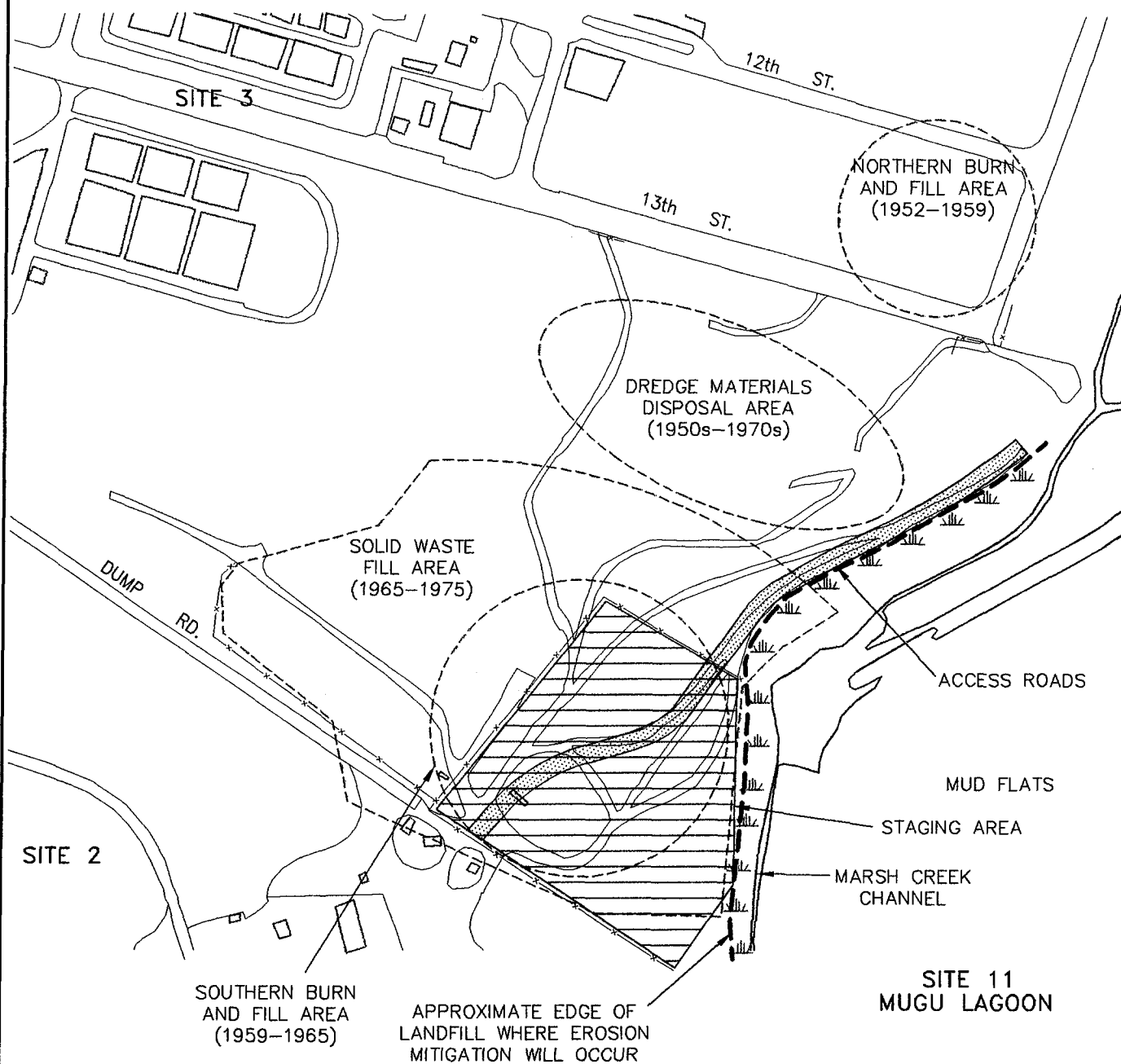
LEGEND

-  MARSH AREA
-  DISPOSAL/SOURCE AREA BOUNDARY
-  FENCE






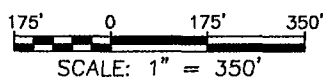
NAWS POINT MUGU
CALIFORNIA

FIGURE 2-4
SITE 1 LAGOON LANDFILL
DISPOSAL/SOURCE AREAS



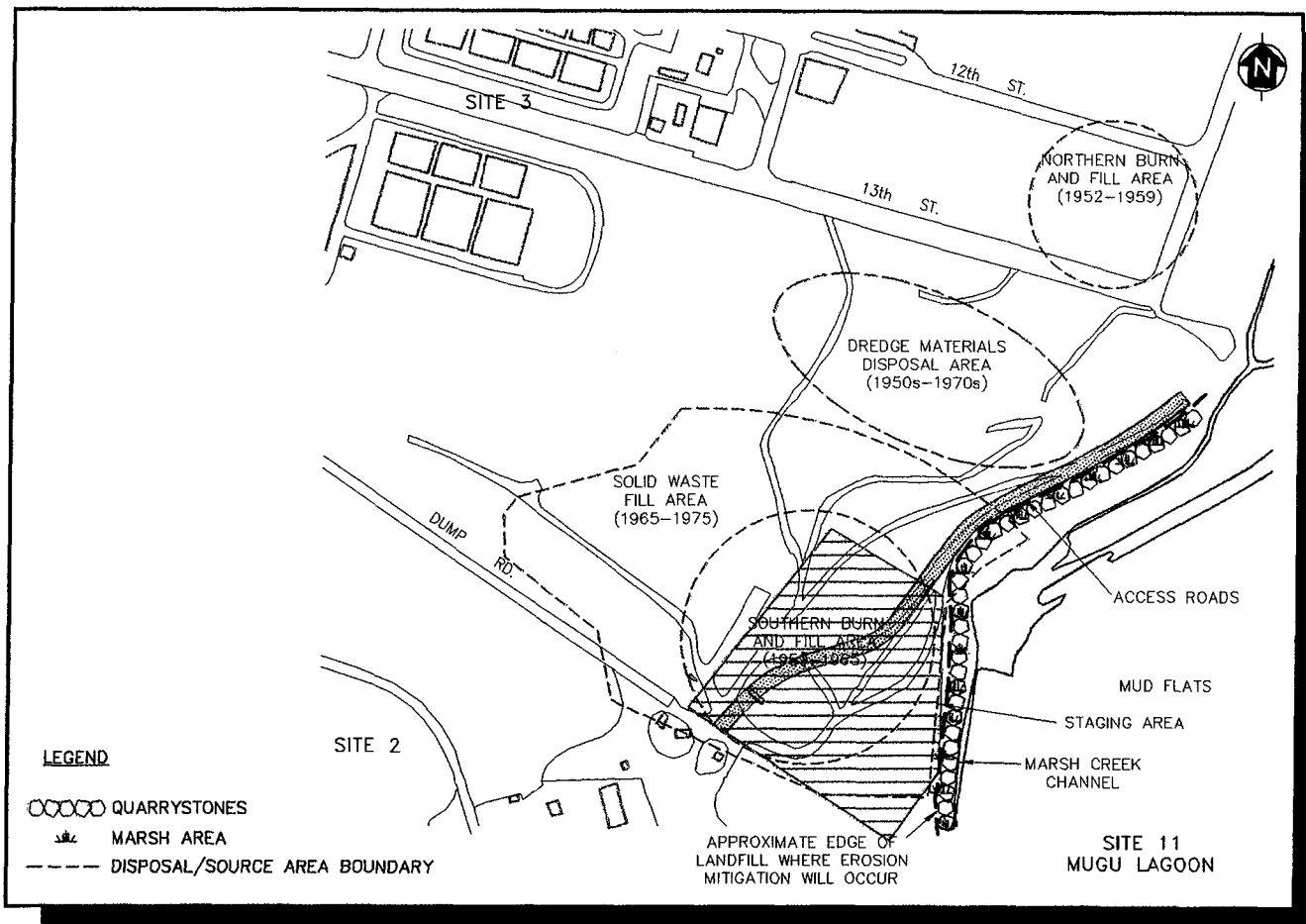
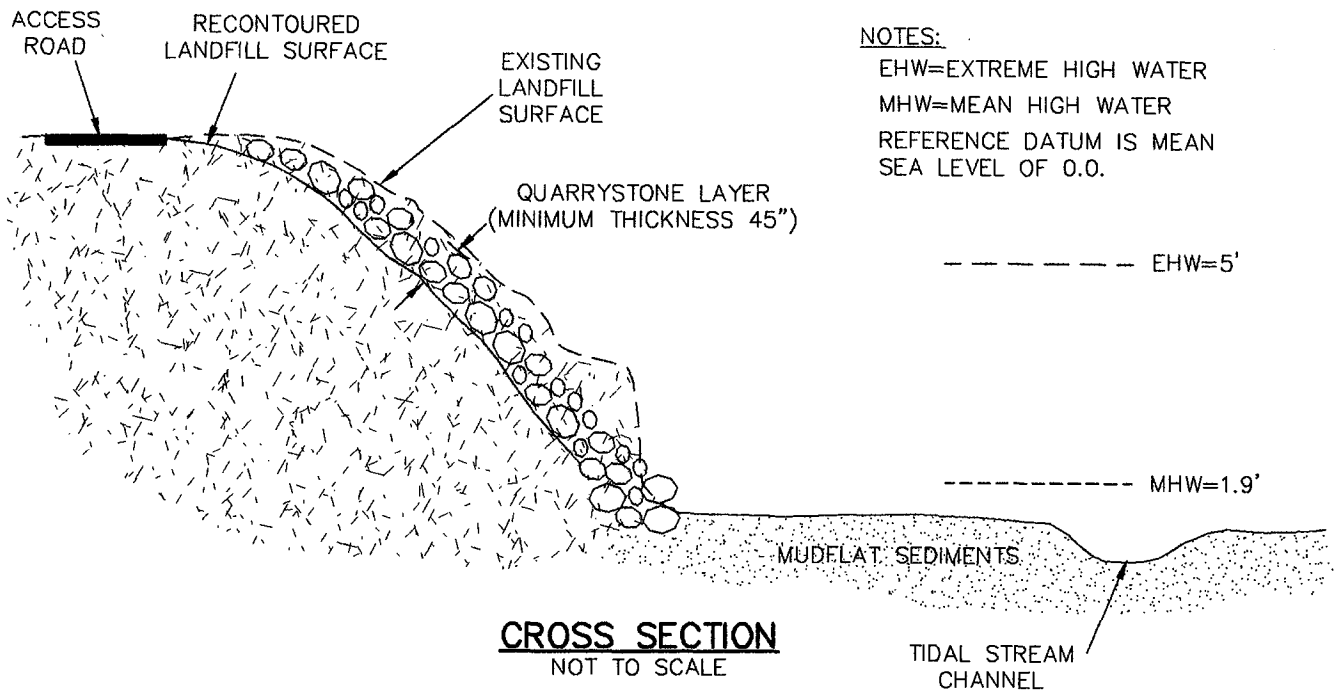
LEGEND

-  MARSH AREA
-  DISPOSAL/SOURCE AREA BOUNDARY
-  FENCE



NAWS POINT MUGU
CALIFORNIA

FIGURE 5-1
SITE 1 LAGOON LANDFILL
ACCESS ROADS AND STAGING AREA



NAWS POINT MUGU
 CALIFORNIA

FIGURE 5-2
SITE 1 LAGOON LANDFILL
RIPRAP WALL

APPENDIX A
ADMINISTRATIVE RECORD INDEX

DATE - 09/20/96

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NAWSPT POINT MUGU SITES 1 AND 4 ADMINISTRATIVE RECORD FILE INDEX

UIC No.	DOC.NO.	PRC.DATE	FROM.....	TO.....	SUBJECT.....	CLASSIFICATION	KEY WORDS	...Site... ..Location.....
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CONTR/GUID..NO..	CTO.NO..	TO.....						
APPROX.#.OF.PAGES	EPA.CAT#	TO.SIGNATURE.....						
NAWSPT 000073 DATA 0000000000000000 0250	07/25/96 00000 00.0	NAWS POINT MUGU SOUTHWEST DIVISION	SUBMITTAL PACKET OF REPLACEMENT PGS AND FINALIZATION OF ECOLOGICAL ASSESSMENT WORK PLAN NAWS POINT MUGU AND RESPONSES TO US FISH & WILDLIFE SERVICE COMMENTS	ADMIN RECORD	EA RI	1,2,3,4,5, 6,7,9,11	SOUTHWEST DIVISION	
NAWSPT 000055 PLAN 0000000000000000 0150	04/03/96 01/01/01 00000 03.3	PRC ENVIRONMENTAL NAWS POINT MUGU	REPLACEMENT PAGES AND FINALIZATION OF ECOLOGICAL ASSESSMENT WORK PLAN	ADMIN RECORD	EA RI	1,2,3,4,5, 6,7,9,11	SOUTHWEST DIVISION	
NAWSPT 000264 MM 0000000000000000 0002	07/26/96 01/01/01 00000 10.3	TRC MEMBERS	OXNARD PLAIN TRC CHARTER IR-14	ADMIN RECORD	TRC RI	1,2,3,4,5, 6,7,8,9,10, 11	SOUTHWEST DIVISION	
NAWSPT 000302 MISC 0000000000000000 0001	07/30/96 01/01/01 00000 10.6	STAR FREE PRESS PUBLIC INTEREST	NEWSPAPER ARTICLE: "BEACH SITE MAY BE ON SUPERFUND! 3 HAZARDOUS SUBSTANCES IN WETLANDS NEAR ORMOND BEACH PROMPTED EPA TO CONSIDER PLACEMENT."	ADMIN RECORD	HAZ WASTE PUBNOT		SOUTHWEST DIVISION	
NAWSPT 000303 MISC 0000000000000000 0001	07/30/96 01/01/01 00000 10.6	LOS ANGELES TIMES PUBLIC INTEREST	NEWSPAPER ARTICLE: "BIOLOGIST WILL DETERMINE FATE OF OTTER COLONY ON SAN NICOLAS ISLAND TO HAVE BEEN SUCCESSFUL OR NOT WITHIN THE NEXT MONTH."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
NAWSPT 000304 MISC 0000000000000000 0002	07/30/96 01/01/01 00000 10.6	S-FP STAFF WRITER PUBLIC INTEREST	NEWSPAPER ARTICLE: "RESTORATION OF ORMOND BEACH HAS NO GUARANTEE OF SUCCESS."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
NAWSPT 000305 MISC 0000000000000000 0002	07/30/96 01/01/01 00000 10.6	PUBLIC INTEREST	NEWSPAPER ARTICLES: "SANTA BARBARA ISLAND TO GET ITS OWN VISITOR CENTER AND RARE BEAKED SPECIES OF WHALE REMAINS ON NICOLAS ISLAND TO BE EXAMINED."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
NAWSPT 000306 MISC 0000000000000000 0001	07/30/96 01/01/01 00000 10.6	LA TIMES PUBLIC INTEREST	NEWSPAPER ARTICLE: "STATE OFFICIALS ISSUE WARNING ON 8 VARIETIES OF TAINTED FISH."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
NAWSPT 000301 MAP 0000000000000000 0001	07/30/96 06/01/66 00000 10.6	NAWS POINT MUGU PUBLIC INTEREST	MAP OF MAIN BASE COORDINATES AND AZIMUTH BASED ON LAMBERT CONFORMAL POLYCONIC PROJECTION SPECIAL ZONE 6 STATE OF CALIFORNIA.	ADMIN RECORD	MAP		SOUTHWEST DIVISION	
NAWSPT 000052 RPT N6247484C3381 0850	11/06/95 09/01/85 00000 01.1	STEARNS, CONRAD NEESA PORT HUENEME	INITIAL ASSESSMENT STUDY PMTC POINT MUGU NEESA 13-078	ADMIN RECORD	IAS RI	1,2,3,4,5, 7,8,9,10, 11	SOUTHWEST DIVISION	

NAWSPT POINT MUGU SITES 1 AND 4 ADMINISTRATIVE RECORD FILE INDEX

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NAWSPT 000074	07/25/96	COUNTY OF VENTURA	RECEIVED AND REVIEWED THE IAS OF PMTC IN ADDITION TO	ADMIN RECORD	IAS	1,2,3,4,5	SOUTHWEST DIVISION						
LTR	12/26/85	T. GILDAY	THE AGENCY WOULD LIKE TO REVIEW THE WORK PLAN FOR THE		RI	6,7,9,11							
0000000000000000	00000	PMTC	1986 CONFORMATION STUDY FOR POTENTIALLY CONTAM.SITES										
0001	01.6	CO											
NAWSPT 000146	07/25/96	DHS LOS ANGELES	COMMENTS ON IAS FOR PMTC POINT MUGU	ADMIN RECORD	IAS	1,2,3,4,5	SOUTHWEST DIVISION						
RPT	03/11/86	J. MCNALLY			COMMENTS	6,7,8,9,10							
0000000000000000	00000	PMTC POINT MUGU	AR-32		RI	11							
0003	01.0	R.S. MOREAU											
NAWSPT 000075	07/25/96	CRWQCB LOS ANGELES	REQUIREMENTS OF THE FIRST 150 SITES TO SUBMIT A SWAT	ADMIN RECORD	SWAT	1,2,3,4,5	SOUTHWEST DIVISION						
LTR	03/12/86	R. GHIRELLI	TO THE APPROPRIATE REGIONAL WATER QUALITY CONTROL BRD.		RI	6,7,9,11							
0000000000000000	00000	NAS POINT MUGU	PMTC DISPOSAL SITE, SAN NICHOLAS ISLAND										
0008	01.6	J.L. GODSEY											
NAWSPT 000147	07/25/96	EPA SAN FRANCISCO	COMMENTS ON THE IAS FOR PMTC POIN MUGU	ADMIN RECORD	IAS	1,2,3,4,5	SOUTHWEST DIVISION						
LTR	03/14/86	J. CLIFFORD			COMMENTS	6,7,8,9,10							
0000000000000000	00000	COMMANDER	AR-33		RI	11							
0001	01.6												
NAWSPT 000076	07/25/96	PMTC POINT MUGU	RESPONSE TO COMMENTS OF MARCH 14, 1986 ON IAS OF THE	ADMIN RECORD	IAS	1,2,3,4,5	SOUTHWEST DIVISION						
LTR	05/07/86	N.W. PETERSEN	PMTC POINT MUGU (REF DOC #000147)		RI	6,7,8,9,10							
0000000000000000	00000	EPA SAN FRANCISCO				11							
0001	01.6	N. MORGAN											
NAWSPT 000077	07/25/96	PMTC POINT MUGU	COPIES OF IAS AND VERIFICATION STUDY, DRAFT WORK PLAN	ADMIN RECORD	IAS	1,2,3,4,5	SOUTHWEST DIVISION						
LTR	01/16/87	D.N. HULL	FOR REVIEW AS REQUESTED.COMMENTS IS TO BE PROVIDED AS		RI	6,7,8,9,10							
0000000000000000	00000	FISH & WILDLIFE	SOON AS POSSIBLE.			11							
0001	01.6	J. WOLFE											
NAWSPT 000335	07/30/96	PMTC	COPIES OF IAS AND VERIFICATION STUDY DRAFT WORK PLAN	ADMIN RECORD	IAS		SOUTHWEST DIVISION						
LTR	01/16/87	D.N. HULL	FOR REVIEW AS REQUESTED. ENCL: IAS STUDY, VERIFICATION		RI								
0000000000000000	00000	FISH AND WILDLIFE	PHASE STP.1 WKPLN DRAFT.CC TO VARIOUS AGENCIES										
0007	03.3	J. WOLFE											
NAWSPT 000078	07/25/96	CRWQCB LOS ANGELES	ACKNOWLEDGEMENT ON RECEIPT OF THE SUBJECT PLAN AND TO	ADMIN RECORD	RI	1,2,3,4,5	SOUTHWEST DIVISION						
LTR	01/22/87		INFORM THAT PLAN IS CURENTLY UNDER REVIEW BY RWQCB.			6,7,9,11							
0000000000000000	00000	PMTC POINT MUGU	(CA9170027271)										
0001	01.6	D.N. HULL											
NAWSPT 000334	07/30/96	FEDERAL REGISTER	PRESIDENTIAL DOCUMENTS: SUPERFUND IMPLEMENTATION	ADMIN RECORD	CERCLA		SOUTHWEST DIVISION						
MISC	01/29/87		(VOL.52 NO.19)										
0000000000000000	00000	PUBLIC											
0007	10.0												
NAWSPT 000080	07/25/96	DHS	NOTIFICATION THAT DEPARTMENT REVIEWED THE VERIFICATION	ADMIN RECORD	RI	1,2,3,4,5	SOUTHWEST DIVISION						
LTR	03/05/87	S. SIMPSON	PHASE STEP I WORK PLAN FOR PMTC POINT MUGU AND FIND										
0000000000000000	00000	NEESA PORT HUENEME	SAMPLING PLAN FOR VARIOUS SITES ADEQUATE.										
0001	02.1	J. FRANCIS											

NAWSPT POINT MUGU SITES 1 AND 4 ADMINISTRATIVE RECORD FILE INDEX

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NAWSPT 000081 LTR 0000000000000000 0001	07/25/96 03/06/87 00000 01.6	COUNTY OF VENTURA T. GILDAY PMTc POINT MUGU CO	DEPARTMENT HAS RECEIVED AND REVIEWED VERIFICATION STUDY WORK PLAN FOR PMTC. PLAN IS VERY THOROUGH AND NO COMMENTS REGARDING THE PLANS OBJECTIVES.	ADMIN RECORD	COMMENTS RI	1,2,3,4,5	SOUTHWEST DIVISION		
NAWSPT 000084 LTR 0000362302A2058 0002	07/25/96 03/13/87 00000 03.6	PMTc POINT MUGU D. HULL CRWQCB LOS ANGELES R. DELACOURT	RESPONSE TO COMMENTS ON SWAT PROPOSAL FOR MUGU LAGOON LANDFILL	ADMIN RECORD	SWAT RI	1	SOUTHWEST DIVISION		
NAWSPT 000123 RPT 00N6247485D5590 0300	07/25/96 03/20/87 00000 04.2	NEESA PORT HUENEME PMTc POINT MUGU	VERIFICATION STEP WORK PLAN FOR PACIFIC MISSILE TEST CENTER, POINT MUGU, CALIFORNIA N63126	ADMIN RECORD	RFP RI	1,2,3,4,5	SOUTHWEST DIVISION		
NAWSPT 000079 LTR 0000000000000000 0005	07/25/96 03/25/87 00000 01.6	HEAD ENVIRON. OFFICE G.S. GASPERINO VARIOUS AGENCIES	INVITATION LETTER TO ATTEND MEETING TO DISCUSS THE CONFIRMATION STUDIES FOR PMTC POINT MUGU ON MARCH 31, 1987. ENCL: 1 MAP CC: PMTC POINT MUGU, CO	ADMIN RECORD	RI	1,2,3,4,5, 6,7,9,11	SOUTHWEST DIVISION		
NAWSPT 000082 LTR 0000000000000000 0001	07/25/96 05/26/87 00000 01.6	PMTc POINT MUGU D. HULL RWQCB LOS ANGELES R. DELACOURT	SWAT DOCUMENTATION BEING FORWARDED AS REQUIRED IN THE CALDERON LEGILATION (LTR W/O SWAT)	ADMIN RECORD	SWAT RI	1	SOUTHWEST DIVISION		
NAWSPT 000083 LTR 0000000000000000 0017	07/25/96 07/07/87 00000 02.7	CRWQCB LOS ANGELES R. DELACOURT PMTc POINT MUGU D. HULL	ACKNOWLEDGMENT OF REVIEWING REPORT ON VERIFICATION STEP WORK PLAN SUBMITTED AS SWAT PROPOSAL FOR MUGU LAGOON	ADMIN RECORD	SWAT RI	1	SOUTHWEST DIVISION		
NAWSPT 000148 LTR 0000000000000000 0009	07/25/96 08/12/87 00000 01.1	DHS LOS ANGELES J.E. MCNALLY PMTc POINT MUGU R.C. GENTZ	RECEIPT OF FINAL DRAFT CONFIMATION/VERIFICATION STUDY REPORT (DHS IS UNABLE TO REVIEW AND COMMENTS AT THIS TIME) AR-34	ADMIN RECORD	COMMENTS	9	SOUTHWEST DIVISION		
NAWSPT 000085 LTR 0000000000000000 0002	07/25/96 10/20/88 00000 01.6	PMTc POINT MUGU V. GOO NOAA SEATTLE WA S. CHRISTOPHERSON	RESPONSE TO LETTER DTD SEPTEMBER 20, 1988 REGARDING STUDY CURRENTLY IN PROGRESS ON THE PMTC POINT MUGU (REF DOCUMENTS)	ADMIN RECORD	SARA RI	1,2,3,4,5, 6,7,9,11	SOUTHWEST DIVISION		
NAWSPT 000124 RPT 0000000000000000 0039	07/25/96 11/01/88 00000 03.3	THE EARTH TECH CORP PAN AM WORLD SERVICE	SOIL AND WATER TESTING AT THE MISSILE SYSTEM INTEGRATION LABORATORY SITE, PMTC POINT MUGU PROJECT NO.88-625	ADMIN RECORD	RFP		SOUTHWEST DIVISION		
NAWSPT 000183 LTR 0000000000000000 0002	07/26/96 03/08/89 00000 10.1	NAWS POINT MUGU V. GOO APCD VENTURA	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE ON THE TRC FOR POINT MUGU AR-69	ADMIN RECORD	TRC RI		SOUTHWEST DIVISION		

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NAWSPT 000184	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE	ADMIN RECORD	TRC				SOUTHWEST DIVISION
LTR	03/08/89	V. GOO	ON THE TRC FOR POINT MUGU		RI				
0000000000000000	00000	DFG LONG BEACH	AR-70						
0002	10.1								
NAWSPT 000185	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE	ADMIN RECORD	TRC				SOUTHWEST DIVISION
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0000000000000000	00000	DHS BURBANK	AR-71						
0002	10.1								
NAWSPT 000186	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE	ADMIN RECORD	TRC				SOUTHWEST DIVISION
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0000000000000000	00000	NOAA SEATTLE WA	AR-72						
0002	10.1								
NAWSPT 000187	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE	ADMIN RECORD	TRC				SOUTHWEST DIVISION
LTR	03/08/89	V. GOO	ON THE TRC FOR POINT MUGU		RI				
0000000000000000	00000	RWQCB LOS ANGELES	AR-73						
0002	10.1								
NAWSPT 000188	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE	ADMIN RECORD	TRC				SOUTHWEST DIVISION
LTR	03/08/89	V. GOO	ON THE TRC FOR POINT MUGU		RI				
0000000000000000	00000	EPA SAN FRANCISCO	AR-74						
0002	10.1								
NAWSPT 000189	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE	ADMIN RECORD	TRC				SOUTHWEST DIVISION
LTR	03/08/89	V. GOO	ON THE TRC FOR POINT MUGU		RI				
0000000000000000	00000	FWS LAGUNA NIGUEL	AR-75						
0002	10.1								
NAWSPT 000190	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINATION TO SERVE AS A REPRESENTATIVE	ADMIN RECORD	TRC				SOUTHWEST DIVISION
LTR	03/08/89	V. GOO	ON THE TRC FOR POINT MUGU		RI				
0000000000000000	00000	VENTURA COUNTY	AR-76						
0002	10.1								
NAWSPT 000191	07/26/96	EPA SAN FRANCISCO	RESPONSE TO MARCH 8, 1989 FOR TRC REPRESENTATIVE	ADMIN RECORD	RESPONSE			1,2,3,4,5	SOUTHWEST DIVISION
LTR	03/17/89	J. ANDERSON	NO REPRESENTATION AT THIS TIME BUT WOULD LIKE TRC		TRC			6,7,8,9,10	
0000000000000000	00000	NAS POINT MUGU	MEETING MINUTES AR-77 (REF DOC #000188)		RI			11	
0001	10.1	V. GOO							
NAWSPT 000086	07/25/96	NOAA SEATTLE WA	RESPONSE TO REQUEST FOR TRC PARTICIPATION	ADMIN RECORD	TRC			1,2,3,4,5	SOUTHWEST DIVISION
LTR	03/27/89		CHIP DEMAREST WILL SERVE ON THE TRC		RESPONSE			6,7,9,11	
0000000000000000	00000	NAS POINT MUGU	(REF DOC #000186)		RI				
0001	01.6	V. GOO							
NAWSPT 000087	07/25/96	FISH & WILDLIFE	RESPONSE TO MARCH 8, 1989 LTR FOR A NOMINEE TO SERVE	ADMIN RECORD	TRC			1,2,3,4,5	SOUTHWEST DIVISION
LTR	04/03/89	N. KAUFMAN	ON THE TRC		RESPONSE				
0000000000000000	00000	NAS POINT MUGU	(REF DOC #000189)		RI				
0001	10.1	V. GOO							

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NAWSPT 000088	07/25/96	NAS POINT MUGU	ESTABLISHING A TCR FOR PURPOSE OF REVIEWING AND	ADMIN RECORD	TRC	1,2,3,4,5, SOUTHWEST DIVISION	
LTR	04/05/89	V. GOO	COMMENTING ON ACTIONS ASSOCIATED WITH IR AND REQUEST F		RI	6,7,9,11	
0000000000000000	00000	NEESA	OR A REP TO ACT AS CHAIR TO TCR				
0001	11.4	CO					
NAWSPT 000089	07/25/96	COUNTY OF VENTURA	RESPONSE TO REQUEST OF MARCH 8, 1989 REGARDING	ADMIN RECORD	TRC	1,2,4,5,6, SOUTHWEST DIVISION	
LTR	04/07/89	K.KRAUSE	DESIGNATION OF APCD TO TRC REP IS TERRI THOMAS		RI	7,8,9,11	
0000000000000000	00000	NAS POINT MUGU	(REF DOC #000190)				
0001	11.4	PUBLIC WORKS					
NAWSPT 000090	07/25/96	DTSC BURBANK	JOSEPH CRISOLOGO WILL REPRESENT THE DEPARTMENT OF	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION	
LTR	04/13/89	H. SAEBFAR	HEALTH SERVICES IN THE TRC FOR NAS POINT MUGU		RI	6,7,8,9,10	
0000000000000000	00000	NAS POINT MUGU	(INCLUDED IS A PROPOSED TRC CHARTER) (REF DOC #000185			11	
0004	11.4	V. GOO					
NAWSPT 000337	07/30/96	DTSCD BURBANK	PMTc POINT MUGU HAS BEEN RECLASSIFIED IN THE DH	ADMIN RECORD	HAZ WASTE	SOUTHWEST DIVISION	
LTR	07/10/89	H. SAEBFAR	EXPENDITURE PLAN FOR HAZARDOUS SUBSTANCE CLEANUP BOND		RI		
0000000000000000	00000	PMTc POINT MUGU	ACT OF 1984.				
0002	02.7	S. STROHSAHL					
NAWSPT 000125	07/25/96	NEESA PORT HUENEME	SITE INSPECTION FOR PMTC POINT MUGU	ADMIN RECORD	RFP	1,2,3,4,5, SOUTHWEST DIVISION	
RPT	10/01/89		VOLUME I (INCLUDING APPENDIX A AND B)		RI	6,7,11	
0000000000000000	00000	PMTc POINT MUGU					
0200	01.2						
NAWSPT 000265	07/26/96	TRC MEMBERS	OCTOBER 25, 1989 TRC MEETING MINUTES	ADMIN RECORD	MTG MINS	SOUTHWEST DIVISION	
MM	10/25/89				TRC		
0000000000000000	00000	TRC MEMBERS	IR-15		RI		
0006	10.4						
NAWSPT 000091	07/25/96	COUNTY OF VENTURA	PMTc SITE INSPECTION REPORT VOL I REVIEWED VARIOUS	ADMIN RECORD	TRC	1,2,3,4,5 SOUTHWEST DIVISION	
LTR	12/01/89	G. SMITH	RECOMMENDATIONS FOR FURTHER ACTIONS TO BE TAKEN AT THE		RI	6,7,9,11	
0000000000000000	00000	PMTc POINT MUGU	VARIOUS SITES MTG REQUESTED				
0001	11.4	R.C. LEWIS					
NAWSPT 000093	07/25/96	PMTc POINT MUGU	SOLICITATION FOR PARTICIPATION FOR THE TRC	ADMIN RECORD	TRC	SOUTHWEST DIVISION	
LTR	12/12/89	R. LEWIS					
0000000000000000	00000	COUNTY OF VENTURA					
0002	10.1	BOARD OF SUPR.					
NAWSPT 000149	07/25/96	DHS BURBANK	COMMENTS ON THE SITE INSPECTION OF OCTOBER 1989	ADMIN RECORD	IAS	8,9,12,13 SOUTHWEST DIVISION	
LTR	12/26/89	H. SAEBFAR	WRITTEN RESPONSES & COMMENTS REQUESTED FROM PMTC			14,15,17	
0000000000000000	00000	PMTc POINT MUGU	POINT MUGU (REF DOC #000125) AR-35			18	
0004	01.6	D. SHIDE					
NAWSPT 000192	07/26/96	DHS BURBANK	COMMENT REVIEW OF SITE INSPECTION OF OCTOBER 1989	ADMIN RECORD	COMMENTS	8,9 SOUTHWEST DIVISION	
LTR	12/26/89	H. SAEBFAR	SITES 8, 9, 12, 13, 14, 15, 16, 17 & 18 WILL NEED		SI		
0000000000000000	00000	PMTc POINT MUGU	TO BE CONDUCTED (REF DOC #000125) AR-78				
0001	01.6	D. SHIDE					

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NAWSPT 000266 MM 0000000000000000 0009	07/26/96 01/10/90 00000 10.4	TRC MEMBERS TRC MEMBERS	JANUARY 10, 1990 TRC MEETING MINUTES IR-16	ADMIN RECORD	MTG MINS TRC RI	1,2,3,4,5, 6,7,8,9,10 11,12,13, 14,15,16 17,18	SOUTHWEST DIVISION
NAWSPT 000094 LTR 0000000000000000 0001	07/25/96 02/07/90 00000 01.6	DSCD CITY D. SUZUKI NEESA PORT HUENEME J. REICHL	TO CONFIRM TELEPHONE CONVERSATION IN RESPONSE TO COMMENTS ON SI REPORT FOR PMTC, SITES HAD NO DATA TO SUBSTANTIATE CONCLUSIONS	ADMIN RECORD	RESPONSE COMMENTS RI	1,2,3,4,5 6,7,9,11	SOUTHWEST DIVISION
NAWSPT 000172 LTR 0000000000000000 0024	07/26/96 03/26/90 00000 01.6	PMTC POINT MUGU V. GOO DTSC BURBANK H. SAEBFAR	RESPONSE TO COMMENTS ON THE SITE INSPECTION STUDY AR-58	ADMIN RECORD	RESPONSE COMMENTS RI	1,2,3,4,5, 7,11	SOUTHWEST DIVISION
NAWSPT 000307 MISC 0000000000000000 0003	07/30/96 05/03/90 00000 10.6	LOS ANGELES TIMES PUBLIC INTEREST	NEWSPAPER ARTICLE"PESTICIDE POLLUTION FOUND IN WATERWAYS."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION
NAWSPT 000026 PLAN N6247485D5590 0700	09/29/95 11/09/90 00000 03.3	MCLELLAND WEST INC. NAWS POINT MUGU	DRAFT SITE INSPECTION WORK PLAN NEESA 17-016 VOLUME I - WORK PLAN AND VOLUME II - LABORATORY QA/QC PLAN	ADMIN RECORD	SI QA AC	3,7,8,9	SOUTHWEST DIVISION
NAWSPT 000092 LTR 0000000000000000 0020	07/25/96 12/11/90 00000 11.4	PMTC POINT MUGU R. LEWIS APCD VENTURA, CA T. THOMAS	NOTIFICATION OF NEXT TRC MEETING ON JANUARY 23, 1991	ADMIN RECORD	TRC RI	3,7,8,9 1,2,4,5,6	SOUTHWEST DIVISION
NAWSPT 000150 LTR 0000000000000000 0006	07/25/96 01/01/91 00000 01.6	DHS BURBANK H. SAEBFAR PMTC POINT MUGU D. SHIDE	COMMENTS ON THE DRAFT SITE INSPECTION WORK PLAN FOR MAIN BASE & SAN NICOLAS ISLAND AR-36	ADMIN RECORD	COMMENTS	3,7,8,9	SOUTHWEST DIVISION
NAWSPT 000177 LTR 0000000000000000 0006	07/26/96 01/01/91 00000 10.1	PMTC POINT MUGU DHS	NAVY RESPONSE TO DHS LTR OF JANUARY 14, 1991 ON COMMENTS ON THE DRAFT SITE INSPECTION WORK PLAN AR-63	ADMIN RECORD	RESPONSE COMMENTS SI	3,7,8,9	SOUTHWEST DIVISION
NAWSPT 000267 MM 0000000000000000 0006	07/26/96 02/07/91 00000 10.4	PMTC POINT MUGU R.C. LEWIS EPA SAN FRANCISCO J. ANDERSON	JANUARY 23, 1991 TRC MEETING MINUTES IR-17	ADMIN RECORD	MTG MINS TRC RI	1,2,3,4,5, 6,7,8,9,11	SOUTHWEST DIVISION
NAWSPT 000025 PLAN N6247485D5590 0700	09/29/95 02/13/91 00000 03.3	MCLELLAND WEST INC. NAWS POINT MUGU	DRAFT FINAL SITE INSPECTION WORK PLAN NEESA 17-016 VOLUME I	ADMIN RECORD	SI AC	3,7,8,9	SOUTHWEST DIVISION

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NAWSPT 000062 PLAN N6247485D5590 1000	04/03/96 02/13/91 00000 03.5	MCCLELLAND			DRAFT FINAL SITE INSPECTION WORK PLAN APPENDIX A & B, VOLUME I - WORK PLAN, VOLUME II LABORATORY QA/QC PLAN NEESA 17-016	ADMIN RECORD	SI	3,7,8,9	SOUTHWEST DIVISION
NAWSPT 000126 RPT 0000000000000000 0300	07/25/96 03/05/91 00000 11.6	NEESA PORT HUENEME			FINAL SITE INSPECTION WORK PLAN VOLUME 2 LABORATORY QUALITY ASSURANCE/QUALITY CONTROL NEESA 17-016	ADMIN RECORD	SI DATA QA QC	3,7,8,9	SOUTHWEST DIVISION
NAWSPT 000173 LTR 0000000000000000 0001	07/26/96 03/07/91 00000 01.6	PBTC POINT MUGU V. GOO DTSC BURBANK H. SAEBFAR			RESPONSE TO COMMENTS ON THE SITE INSPECTION STUDY ON LTRS OF DECEMBER 26, 1989 & JANUARY 14, 1991 (REF DOC #000149) AR-59	ADMIN RECORD	RESPONSE COMMENTS RI	1,2,3,4,5, 7,11	SOUTHWEST DIVISION
NAWSPT 000012 PLAN N6247488D5086 0400	09/29/95 05/01/91 00048 03.3	J.M. MONTGOMERY K. KELLY NAWS POINT MUGU			DRAFT RI/FS QUALITY ASSURANCE PROJECT PLAN	ADMIN RECORD	QAPP RI FS	1 2 4,5,6,11	SOUTHWEST DIVISION
NAWSPT 000013 PLAN N6247488D5086 0400	09/29/95 05/01/91 00048 03.5	J.M. MONTGOMERY K. KELLY NAWS POINT MUGU			DRAFT RI/FS HEALTH AND SAFETY PLAN	ADMIN RECORD	H&SP RI FS	1,2,4,5,6, 11	
NAWSPT 000027 PLAN N6247488D5086 0400	09/29/95 05/01/91 00048 03.3	PRC ENVIRONMENTAL C. BRYAN NAWS POINT MUGU			DRAFT RI/FS FIELD SAMPLING PLAN	ADMIN RECORD	RI FS	1,2,4,5,6, 11	SOUTHWEST DIVISION
NAWSPT 000339 LTR 0000000000000000 0013	07/30/96 06/04/91 00000 02.7	PBTC R.C. LEWIS RWQCB M. PUMFORD			NOTIFICATION OF UPCOMING OXNARD PLAIN TRC MEETING FOR JUNE 26, 1991, 2ND. MTG. JULY 31, 1991. ENCLOSURE: PT. MUGU RI/FS DRAFT FIELD SAMPLING H/S AND QA PLANS.	ADMIN RECORD	RI		SOUTHWEST DIVISION
NAWSPT 000127 RPT 00N6247485D5590 0300	07/25/96 06/10/91 00000 03.3	NEESA PORT HUENEME NAS POINT MUGU			17-016 FINAL SITE INSPECTION WORK PLAN VOLUME 1 SAMPLING AND ANALYSIS PLAN HEALTH AND SAFETY PLAN FOR MAIN BASE NAS POINT MUGU	ADMIN RECORD	WORK PLAN	3,7,8,9	SOUTHWEST DIVISION
NAWSPT 000141 MM 0000000000000000 0006	07/25/96 06/26/91 00000 10.5	TRC PORT HUENEME TRC MEMBERS			JUNE 26, 1991 MEETING MINUTES OF THE OXNARD PLAIN TRC IRP	ADMIN RECORD	MTG MINS RI		SOUTHWEST DIVISION
NAWSPT 000152 LTR 0000000000000000 0010	07/26/96 06/30/91 00000 01.6	DTSC BURBANK K.R. TECHS (FOR) PBTC POINT MUGU D. SHIDE			COMMENTS ON THE FINAL SITE WORKPLAN AND RI/FS (SPECIFIC AND GENERAL COMMENTS) AR-38	ADMIN RECORD	COMMENTS RI FS SI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION

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NAWSPT 000151	07/25/96	CRWQCB MONTEREY	COMMENTS ON THE DRAFT RI/FS FOR SIX SITES	ADMIN RECORD	COMMENTS	1,2,4,5,6	SOUTHWEST DIVISION				
LTR	07/29/91	J.E. ROSS			RI	11					
0000000000000000	00000	NEESA PORT HUENEME	AR37								
0002	01.6	S. STOTH									
NAWSPT 000050	11/02/95	DTSC BURBANK	COMMENTS ON THE FINAL SITE WORKPLAN AND RI/FS (GENERAL	ADMIN RECORD	COMMENTS	1,2,4,5,6,	SOUTHWEST DIVISION				
LTR	07/30/91	H. SAEBFAR	AND SPECIFIC COMMENTS)		RI	8,9,11					
0000000000000000	00000	PMTc POINT MUGU			FS						
0011	01.6	D. SHIDE									
NAWSPT 000095	07/25/96	NAS POINT MUGU	JULY 31, 1991 TRC MEETING MINUTES	ADMIN RECORD	RI	1,2,3,4,5	SOUTHWEST DIVISION				
MM	07/31/91					6,7,9,11					
0000000000000000	00000										
0010	10.5										
NAWSPT 000269	07/26/96	PMTc POINT MUGU	JULY 31, 1991 TRC MEETING MINUTES	ADMIN RECORD	MTG MINS		SOUTHWEST DIVISION				
MM	07/31/91				RI						
0000000000000000	00000	TRC MEMBERS	IR-19								
0004	10.4										
NAWSPT 000014	09/29/95	J.M. MONTGOMERY	DRAFT FINAL RI/FS FIELD SAMPLING PLAN	ADMIN RECORD	RI	1,2,4,5,6,	SOUTHWEST DIVISION				
PLAN	08/01/91	K. KELLY			FS	11					
N6247488D5086	00048	NAWS POINT MUGU									
0400	03.1										
NAWSPT 000015	09/29/95	J.M. MONTGOMERY	DRAFT FINAL RI/FS QUALITY ASSURANCE PROJECT PLAN	ADMIN RECORD	QAPP	1,2,4,5,6,	SOUTHWEST DIVISION				
PLAN	08/01/91	K. KELLY			RI	11					
N6247488D5086	00048	NAWS POINT MUGU									
0400	03.3										
NAWSPT 000016	09/29/95	J.M. MONTGOMERY	DRAFT FINAL RI/FS HEALTH AND SAFETY PLAN	ADMIN RECORD	H&SP	1,2,4,5,6,	SOUTHWEST DIVISION				
PLAN	08/01/91	K. KELLY			RI	11					
N6247488D5086	00048	NAWS POINT MUGU									
0400	03.5										
NAWSPT 000268	07/26/96	PMTc POINT MUGU	JUNE 26, 1991 TRC MEETING MINUTES	ADMIN RECORD	MTG MINS		SOUTHWEST DIVISION				
MM	08/22/91	R.C. LEWIS			RI						
0000000000000000	00000	EPA SAN FRANCISCO	IR-18								
0007	10.4	J. ANDERSON									
NAWSPT 000057	04/03/96	NEESA PORT HUENEME	FINAL DRAFT SITE INSPECTION REPORT VOLUME IIA APPENDIX	ADMIN RECORD	SI	1,2,3,4,5	SOUTHWEST DIVISION				
RPT	10/01/91		G LABORATORY ANALYTICAL DATA PHASE I SITES 1 THROUGH 5		DATA						
0000000000000000	00000	NAWS POINT MUGU			RI						
1000	01.2										
NAWSPT 000058	04/03/96	NEESA PORT HUENEME	FINAL DRAFT SITE INSPECTION REPORT VOLUME IIB APPENDIX	ADMIN RECORD	SI	6,7,8,9,10	SOUTHWEST DIVISION				
RPT	10/01/91		G LABORATORY ANALYTICAL DATA PHASE I SITES 6 THROUGH		DATA	11					
0000000000000000	00000	NAWS POINT MUGU	11		AC						
0350	01.2										

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NAWSPT 000059	04/03/96	FUGRO MCCLELLAND	DRAFT SITE INSPECTION REPORT VOLUME I WITH APPENDICES	ADMIN RECORD	SI	1,2,3,4,5, SOUTHWEST DIVISION		
RPT	10/04/91		A THROUGH F NEESA 17-016		RI	6,7,8,9,11		
N6247485D5590	00000	NAWS POINT MUGU						
0350	01.2							
NAWSPT 000060	04/03/96	FUGRO MCCLELLAND	DRAFT SITE INSPECTION REPORT VOLUME II APPENDIX G	ADMIN RECORD	SI	6,7,8,9,10 SOUTHWEST DIVISION		
RPT	10/04/91		LABORATORY ANALYTICAL DATA PHASE I SITES 6 THROUGH 11		DATA	11		
N6247485D5590	00000	NAWS POINT MUGU			AC			
0350	01.2							
NAWSPT 000061	04/03/96	FUGRO MCCLELLAND	DRAFT SITE INSPECTION REPORT VOLUME II APPENDIX G	ADMIN RECORD	SI	3,7,8,9 SOUTHWEST DIVISION		
RPT	10/04/91		LABORATORY ANALYTICAL DATA PHASE II					
N6247485D5590	00000	NAWS POINT MUGU						
0350	01.2							
NAWSPT 000128	07/25/96	NEESA PORT HUENEME	17-016 DRAFT SITE INSPECTION REPORT	ADMIN RECORD	RFP	1,2,3,4,5 SOUTHWEST DIVISION		
RPT	10/04/91		VOLUME II APPENDIX G (LABORATORY ANALYTICAL DATA PHASE		RI			
0000000000000000	00000	NAS POINT MUGU	I-SITES 1-THROUGH 5)					
0400	03.3							
NAWSPT 000129	07/25/96	NAWS AND SAN NICOLAS	COMMUNITY RELATIONS PLAN	ADMIN RECORD	RFP	1,2,3,4,5, SOUTHWEST DIVISION		
RPT	01/01/92	ISLAND	INSTALLATION RESTORATION PROGRAM		RI	6,7,8,9,10		
0000000000000000	00000					11		
0200	10.2							
NAWSPT 000193	07/26/96	COUNTY OF VENTURA	IDENTIFICATION OF ARARs FOR NAWS	ADMIN RECORD	ARAR	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	01/08/92	L. PRESTON	FOR SITES 1,2,3,4,5,6,7,8,9,10, & 11		RI	6,7,8,9,10		
0000000000000000	00000	CAL/EPA DTSC BURBANK	AR-79			11,		
0010	04.1	H. SAEBFAR						
NAWSPT 000194	07/26/96	NAWS POINT MUGU	FEBRUARY 6, 1992 TRC MEETING MINUTES SENT TO TRC	ADMIN RECORD	MTG MINS	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	03/06/92	R.C. LEWIS	MEMBERS AND REMINDER TO COMMENT ON THE DRAFT CRP AND		RI	6,7,8,9,10		
0000000000000000	00000	TRC MEMBERS	DRAFT SI REPORT AR-80			11		
0011	10.1							
NAWSPT 000270	07/26/96	NAWS POINT MUGU	FEBRUARY 6, 1992 OXNARD PLAIN TRC MEETING MINUTES	ADMIN RECORD	MTG MINS	3,7,8,9,1, SOUTHWEST DIVISION		
LTR	03/06/92	R.C. LEWIS			TRC	2,4,5,6,11		
0000000000000000	00000	EPA SAN FRANCISCO	IR-20		RI			
0008	10.4	J. ANDERSON						
NAWSPT 000153	07/26/96	NOAA SEATTLE WA	COMMENTS ON THE FINAL DRAFT SITE INSPECTION REPORT	ADMIN RECORD	COMMENTS	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	03/13/92	M. BUCHMAN			SI	6,7,8,9,11		
0000000000000000	00000	NEESA PORT HUENEME	AR-39		RI			
0006	01.6	L. STAUSS						
NAWSPT 000308	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE:"MUGU LAGOON AT RISK OF DYING."	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION		
MISC	03/26/92				RI			
0000000000000000	00000	COMMUNITY MEMBERS						
0001	10.6							

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NAWSPT 000197	07/26/96	DTSC BURBANK	REQUEST FOR DFG TO IDENTIFY ARARs FOR NAWS POINT MUGU	ADMIN RECORD	ARAR	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	12/17/92	H. SAEBFAR			RI	6,7,8,9,10			
0000000000000000	00000	DFG SACRAMENTO	AR-83			11			
0005	04.1	R. TREANOR							
NAWSPT 000198	07/26/96	PARKS & RECREATION	REQUEST FOR PARKS AND RECREATION TO IDENTIFY ARARs	ADMIN RECORD	ARAR	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	12/29/92	W.E. TIPPETS	PARKS DEPARTMENT HAS NOT REGULATORY AUTHORITY TO		RI	6,7,8,9,10			
0000000000000000	00000	DTSC BURBANK	REQUIRE OR ENFORCE ARARs AR-84			11			
0002	04.1	H. SAEBFAR							
NAWSPT 000199	07/26/96	VENTURA COUNTY	RESPONSE TO APCD DECEMBER 17, 1992 LTR REQUESTING	ADMIN RECORD	ARAR	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	12/29/92	K.E. KRAUSE	IDENTIFICATION OF ARARs		RESPONSE	6,7,8,9,10			
0000000000000000	00000	DTSC BURBANK	(REF DOC #000197) AR-85		RI	11			
0073	04.1	P. NAKASHIMA							
NAWSPT 000019	09/29/95	J.M. MONTGOMERY	DRAFT RI/FS QUALITY ASSURANCE PROJECT PLAN	ADMIN RECORD	QAPP	1,2,4,5,6, SOUTHWEST DIVISION			
PLAN	01/01/93	D.C. MARTIN			RI	8,9,11			
N6247488D5086	00225	NAWS POINT MUGU							
0300	03.3								
NAWSPT 000020	09/29/95	J.M. MONTGOMERY	DRAFT RI/FS HEALTH AND SAFETY PLAN	ADMIN RECORD	H&SP	1,2,4,5,6, SOUTHWEST DIVISION			
PLAN	01/01/93	B. HOCHHEISER			RI	8,9,11			
N6247488D5086	00225	NAWS POINT MUGU			FS				
0400	03.5								
NAWSPT 000021	09/29/95	J.M. MONTGOMERY	DRAFT RI/FS FIELD SAMPLING PLAN	ADMIN RECORD	RI	1,2,4,5,6, SOUTHWEST DIVISION			
PLAN	01/01/93	E. WENDLANDT			FS	8,9,11			
N6247488D5086	00225	NAWS POINT MUGU							
0500	03.3								
NAWSPT 000022	09/29/95	J.M. MONTGOMERY	DRAFT QUALITY ASSURANCE PROJECT PLAN SITE INSPECTION	ADMIN RECORD	QAPP	3	SOUTHWEST DIVISION		
PLAN	01/01/93	D.C. MARTIN	SITE -3 FUEL FARM		SI				
N6247488D5086	00225	NAWS POINT MUGU			AC				
0250	01.2								
NAWSPT 000023	09/29/95	J.M. MONTGOMERY	DRAFT HEALTH AND SAFETY PLAN SITE INSPECTION	ADMIN RECORD	H&SP	3	SOUTHWEST DIVISION		
PLAN	01/01/93	B. HOCHHEISER	SITE -3 FUEL FARM		SI				
N6247488D5086	00225	NAWS POINT MUGU			AC				
0300	01.2								
NAWSPT 000024	09/29/95	J.M. MONTGOMERY	DRAFT FIELD SAMPLING PLAN SITE INSPECTION	ADMIN RECORD	SI	3	SOUTHWEST DIVISION		
PLAN	01/01/93	D. KRAMER	SITE -3 FUEL FARM PHASE III		AC				
N6247488D5086	00225	NAWS POINT MUGU							
0300	01.2								
NAWSPT 000134	07/25/96	PRC ENVIRONMENTAL	DRAFT RI/FS QAPP	ADMIN RECORD	WORK PLAN	1,2,4,5,6 SOUTHWEST DIVISION			
RPT	01/01/93				RI	8,9,11			
00N6247488D5086	00225	NAWS POINT MUGU							
0300	03.3								

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NAWSPT 000135 RPT 00N6247488D5086 0300	07/25/96 01/01/93 00225 03.3	PRC ENVIRONMENTAL NAWS POINT MUGU	DRAFT RI/FS HEALTH AND SAFETY PLAN		ADMIN RECORD	WORK PLAN RI	1,2,4,5,6 8,9,11		SOUTHWEST DIVISION
NAWSPT 000136 RPT 00N6247488D5086 0500	07/25/96 01/01/93 00225 03.3	PRC ENVIRONMENTAL NAWS POINT MUGU	DRAFT RI/FS FIELD SAMPLING PLAN		ADMIN RECORD	WORK PLAN RI	1,2,4,5,6 8,9,11		SOUTHWEST DIVISION
NAWSPT 000137 RPT 00N6247488D5086 0150	07/25/96 01/01/93 00225 03.3	PRC ENVIRONMENTAL NAWS POINT MUGU	DRAFT SITE INSPECTION SITE 3 FUEL FARM QAPP		ADMIN RECORD	WORK PLAN	3		SOUTHWEST DIVISION
NAWSPT 000138 RPT 00N6247488D5086 0150	07/25/96 01/01/93 00225 03.3	PRC ENVIRONMENTAL NAWS POINT MUGU	DRAFT SITE INSPECTION SITE 3 FUEL FARM PHASE III FIELD SAMPLING PLAN DRAFT		ADMIN RECORD	WORK PLAN	3		SOUTHWEST DIVISION
NAWSPT 000139 RPT 00N6247488D5086 0150	07/25/96 01/01/93 00225 03.3	PRC ENVIRONMENTAL NAWS POINT MUGU	DRAFT SITE INSPECTION SITE 3 FUEL FARM HEALTH AND SAFETY PLAN		ADMIN RECORD	WORK PLAN	3		SOUTHWEST DIVISION
NAWSPT 000178 LTR 0000000000000000 0003	07/26/96 01/01/93 00000 10.1	PMTC POINT MUGU DTSC	RESPONSE TO DTSC COMEMNTS OF JUNE 18, 1993 ON THE DRAFT FINAL SI FSP AR-64 (REF DOC. #000161)		ADMIN RECORD	RESPONSE COMMENTS SI	3		SOUTHWEST DIVISION
NAWSPT 000179 LTR 0000000000000000 0005	07/26/96 01/01/93 00000 01.6	NAWS POINT MUGU RWQCB	COMMENTS AND RESPONSES TO DHS AND RWQCB ON THE DRAFT FIELD SAMPLING PLAN AR-65		ADMIN RECORD	COMMENTS RESPONSE RI	1,2,4,5,6 8,9,11		SOUTHWEST DIVISION
NAWSPT 000180 LTR 0000000000000000 0019	07/26/96 01/01/93 00000 01.6	NAWS POINT MUGU DTSC	RESPONSE TO DTSC ON THE RI/FS FIELD SAMPLING PLAN AR-66		ADMIN RECORD	RESPONSE RI	1,2,4,5,6, 8,9,11		SOUTHWEST DIVISION
NAWSPT 000181 LTR 0000000000000000 0005	07/26/96 01/01/93 00000 01.6	NAWS POINT MUGU CRWQCB	RESPONSE TO CRWQCB COMMENTS ON THE RI/FS FIELD SAMPLING PLAN AR-67		ADMIN RECORD	RESPONSE COMMENTS RI	1,2,4,5,6, 11		SOUTHWEST DIVISION
NAWSPT 000182 LTR 0000000000000000 0007	07/26/96 01/01/93 00000 01.6	NAWS POINT MUGU NOAA SEATTLE WA	RESPONSE TO COMMENTS FROM NOAA ON THE RI/FS FIELD SAMPLING PLAN AR-68		ADMIN RECORD	RESPONSE COMMENTS RI	1,2,4,5,6 11		SOUTHWEST DIVISION

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NAWSPT 000280	07/28/96	NAWS POIN MUGU	NAVY INSTALLATION RESTORATION PROGRAM		ADMIN RECORD	IRP		SOUTHWEST DIVISION
MISC	01/01/93					RI		
0000000000000000	00000							
0002	10.3							
NAWSPT 000281	07/28/96	NAWS POIN MUGU	FLYER "NAVY ENVIRONMENTAL STEWARDSHIP"		ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION
MISC	01/01/93		POINT MUGU AND SAN NICOLAS ISLAND			RI		
0000000000000000	00000							
0002	10.3							
NAWSPT 000200	07/26/96	CAL HIGHWAY PATROL	RESPONSE TO DTSC REQUEST TO IDENTIFY ARARs FOR		ADMIN RECORD	RESPONSE	1,2,3,4,5,	SOUTHWEST DIVISION
LTR	01/08/93	T.W. ROSS	NAWS POINT MUGU			ARAR	6,7,8,9,10	
0000000000000000	00000	DTSC BURBANK	AR-86			RI	11	
0040	04.1	P. NAKASHIMA						
NAWSPT 000201	07/26/96	DHS LOS ANGELES	RESPONSE TO REQUEST TO IDENTIFY ARARs FOR		ADMIN RECORD	RESPONSE	1,2,3,4,5,	SOUTHWEST DIVISION
LTR	01/09/93	G. YAMAMOTO	NAWS POINT MUGU			ARAR	6,7,8,9,10	
0000000000000000	00000	DTSC BURBANK	AR-87			RI	11	
0044	04.1	P. NAKASHIMA						
NAWSPT 000069	04/03/96	PRC ENVIRONMENTAL	PRELIMINARY BASELINE RISK ASSESSMENT		ADMIN RECORD	RA	7	SOUTHWEST DIVISION
PLAN	01/11/93							
N6247488D5086	00225	NAWS POINT MUGU						
0020	01.1							
NAWSPT 000096	07/25/96	STATE LANDS COMM	COMMENTS REGARDING LETTER DTD DECEMBER 17, 1992 ARARs		ADMIN RECORD	COMMENTS	1,,2,4,5	SOUTHWEST DIVISION
LTR	01/11/93	D. SANDERS	(REF DOC #000197)			RI		
0000000000000000	00000	DTSC BURBANK						
0002	04.5	P. NAKASHIMA						
NAWSPT 000202	07/26/96	STATE LAND COMM.	RESPONSE COMMENTS TO DECEMBER 17, 1992 REQUEST TO		ADMIN RECORD	ARAR	1,2,3,4,5,	SOUTHWEST DIVISION
LTR	01/11/93	D.E. SANDERS	IDENTIFY ARARs			COMMENTS	6,7,8,9,10	
0000000000000000	00000	DTSC BURBANK	(REF DOC #000197) AR-88			RESPONSE	11	
0002	04.1	P. NAKASHIMA				RI		
NAWSPT 000203	07/26/96	SAFETY & HEALTH	RESPONSE COMMENTS TO DECEMBER 17, 1992 REQUEST TO		ADMIN RECORD	RESPONSE	1,2,3,4,5,	SOUTHWEST DIVISION
LTR	01/11/93	R. GARCIA	IDENTIFY ARARs			COMMENTS	6,7,8,9,10	
0000000000000000	00000	DTSC BURBANK	(REF DOC #000197) AR-89			ARAR	11	
0004	04.1	P. NAKASHIMA				RI		
NAWSPT 000340	07/30/96	TRC COMMITTEE	DRAFT RI/SF FIELD SAMPLING PLAN, QAPP AND H/S PLAN FOR		ADMIN RECORD	RI	1,2,4,6,8	SOUTHWEST DIVISION
LTR	01/12/93	T.M. BOOTHE	IRP SITES 1,2,4,6,8,9, AND 11. SUBMIT REVIEW COMMENTS				9,11	
0000000000000000	00000	EPA	BY MARCH 22, 1993 TO NEESA.TRC MTG. MARCH 24-25,1993.					
0016	02.7	J. ANDERSON						
NAWSPT 000097	07/25/96	FISH AND GAME	ACKNOWLEDGE RECEIPT OF RECENT REQUEST FOR ARARs AT		ADMIN RECORD	ARAR	1,2,3,4,5,	SOUTHWEST DIVISION
LTR	01/14/93	R. TREANOR	NAS POINT MUGU COPY OF LETTER AND ATTACHMENTS REERRED			RI	6,7,8,9,10	
0000000000000000	00000	DTSC BURBANK	TO DRAFT DTSC FOR EVALUATION AND RESPONSE				11	
0001	04.5	H. SAEBFAR						

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NAWSPT 000204	07/26/96	COUNTY OF VENTURA	RESPONSE COMMENTS TO DECEMBER 17, 1992 REQUEST TO	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	01/19/93	D. W. KOEPP	IDENTIFY ARARs		COMMENTS	6,7,8,9,10		
0000000000000000	00000	DTSC BURBANK	(REF DOC #000197) AR-90		ARAR	11		
0003	04.1	P. NAKASHIMA			RI			
NAWSPT 000315	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: OXNARD EDITION-"WONDERING ABOUT	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION		
MISC	01/31/93		OUT WETLANDS?"					
0000000000000000	00000	PUBLIC INTEREST						
0004	10.6							
NAWSPT 000205	07/26/96	EPA SAN FRANCISCO	RESPONSE COMMENT ON DECEMBER 16, 1992 TO IDENTIFY	ADMIN RECORD	RI	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	02/01/93	J. DIAMOND	ARARs EPA UNABLE TO ASSIST IN IDENTIFICATION OF ARAR'S		COMMENTS	6,7,8,9,10		
0000000000000000	00000	NAWS POINT MUGU	FOR NON NPL SITES (REF DOC #000197) AR-91		ARAR	11		
0001	04.1	T.M. BOOTHE						
NAWSPT 000206	07/26/96	AGRICULATURAL	RESPONSE TO REQUEST TO IDENTIFY ARARs	ADMIN RECORD	RI	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	02/09/93	D. BUETTNER			ARAR	6,7,8,9,10		
0000000000000000	00000	DTSC BURBANK	AR-92			11		
0001	04.1	P. NAKASHIMA						
NAWSPT 000274	07/26/96	NAWS POINT MUGU	DECEMBER 14, 1992 OXNARD PLAIN TRC MEETING MINUTES	ADMIN RECORD	MTG MINS	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	02/09/93	T.M. BOOTHE			TRC	6,7,8,9,10		
0000000000000000	00000	EPA SAN FRANCISCO	IR-24		RI	11		
0006	10.4	J. ANDERSON						
NAWSPT 000316	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: VENTURA COUNTY EDITION-"COALITION	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION		
MISC	02/21/93		TO GUIDE ORMOND WETLANDS."					
0000000000000000	00000	PUBLIC INTEREST						
0002	10.6							
NAWSPT 000098	07/25/96	NEESA PORT HUENEME	ADDENDUM TO THE PRELIMINARY ASSESSMENT REPORT	ADMIN RECORD	PA	19,20,21, SOUTHWEST DIVISION		
RPT	03/01/93		NAS POINT MUGU			21A,21B		
0000000000000000	00000	NAWS POINT MUGU				21C,21D		
0143	01.3							
NAWSPT 000317	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: VENTURA COUNTY EDITION-"A WETLAND	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION		
MISC	03/08/93		UNDER SIEGE."					
0000000000000000	00000	PUBLIC INTEREST						
0002	10.6							
NAWSPT 000157	07/26/96	DTSC BURBANK	COMMENTS ON THE DRAFT FSP, H&SP, QAPP FOR THE RI/FS	ADMIN RECORD	COMMENTS	3 SOUTHWEST DIVISION		
LTR	03/22/93	H. SAEBFAR			H&SP			
0000000000000000	00000	NEESA PORT HUENEME	AR-42		QAPP			
0008	03.6	L. STAUSS						
NAWSPT 000158	07/26/96	CRWQCB LOS ANGELES	COMMENTS ON THE RI/FS FSP	ADMIN RECORD	COMMENTS	3 SOUTHWEST DIVISION		
LTR	03/23/93	J. ROSS						
0000000000000000	00000	DTSC GLENDALE	AR-44					
0004	03.6	P. NAKASHIMA						

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NAWSPT 000207	07/26/96	CAL/WMB SACRAMENTO	RESPONSE TO DECEMBER 17, 1992 REQUEST TO IDENTIFY	ADMIN RECORD	RESPONSE		SOUTHWEST DIVISION		
LTR	03/24/93	W. MINDERMAN	ARARs		ARAR				
0000000000000000	00000	DTSC BURBANK	(REF DOC #000197) AR-93		RI				
0003	04.1	P. NAKASHIMA							
NAWSPT 000208	07/26/96	NAWS POINT MUGU	SOLICATION FOR TRC REPRESENTATION	ADMIN RECORD	TRC		SOUTHWEST DIVISION		
LTR	04/02/93	T.M. BOOTHE			RI				
0000000000000000	00000	CAL/F&G LONG BEACH	AR-94						
0001	10.1	R. NITSOS							
NAWSPT 000209	07/26/96	CRWQCB LOS ANGELES	RESPONSE TO REQUEST FOR ARARs	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	04/06/93	J.E. ROSS			ARAR	6,7,8,9,10			
0000000000000000	00000	DTSC BURBANK	AR-95		RI	11			
0002	04.1	P. NAKASHIMA							
NAWSPT 000210	07/26/96	DFG MONTEREY	RESPONSE TO REQUEST FOR ARARs	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	04/08/93	M. MARTIN			ARAR	6,7,8,9,10			
0000000000000000	00000	DTSC BURBANK	AR-96		RI	11			
0052	04.1	H. SAEBFAR							
NAWSPT 000159	07/26/96	NOAA SEATTLE WA	COMMENTS ON THE DRAFT RI/FS FSP JANUARY 1993	ADMIN RECORD	COMMENTS	3	SOUTHWEST DIVISION		
LTR	04/19/93	D.M. KLIMAS			FS				
0000000000000000	00000	NEESA PORT HUENEME	AR-45						
0004	03.6	L. STAUS							
NAWSPT 000211	07/26/96	NAWS POINT MUGU	REQUEST FOR RESPONSE TO LTR OF DECEMBER 17, 1993 TO	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	04/29/93	V. GOO	IDENTIFY ARARs		ARAR	6,7,8,9,10			
0000000000000000	00000	VARIOUS AGNECIES	(REF DOC #000197) AR-97		RI	11			
0011	04.1								
NAWSPT 000212	07/26/96	COASTAL COMMISSION	RESPONSE TO REQUEST FOR ARARs	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	04/30/93	M. BETZ			ARAR	6,7,8,9,10			
0000000000000000	00000	DTSC BURBANK	AR-98		RI	11			
0002	04.1	P. NAKASHIMA							
NAWSPT 000007	08/11/95	PRC ENVIRONMENTAL	DRAFT FINAL FIELD SAMPLING PLAN SITE INSPECTION SITE 3	ADMIN RECORD	SI	3	SOUTHWEST DIVISION		
PLAN	05/01/93		FUEL FARM PHASE III		AC				
N6247488D5086	00225	NAWS POINT MUGU							
0450	03.1								
NAWSPT 000099	07/25/96	CTY SAN BUENAVENTURA	LTR OF DECEMBER 17, 1992, HAVE NOT RECEIVED ANY	ADMIN RECORD	HAZ WASTE		SOUTHWEST DIVISION		
LTR	05/06/93		RESPONSE REGARDING POINT MUGU CLEAN-UP WORK CONCERNS						
0000000000000000	00000	NAWS POINT MUGU	BASED ON POTENTIAL TRANSPORT OF HAZ MAT IN CITY LTD.						
0002	01.6	V. GOO							
NAWSPT 000100	07/25/96	MONTGOMERY WATSON	TRANSMITTAL OF REGULATORY COMMENTS AND RESPONSES NAWS	ADMIN RECORD	COMMENTS	1,2,4,5,6, SOUTHWEST DIVISION			
LTR	05/07/93	S. McDONALD	POINT MUGU, FOR PREPARATION OF PROJECTS PLANS TO		RI	8,9,11			
00N6247488D5086	00225	NAWS POINT MUGU	RI/FS AND SI ACTIVITIES AT NAWS POINT MUGU		FS				
0019	02.7	D. SHIDE							

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NAWSPT 000213	07/26/96	DEPT TRANSPORTATION	RESPONSE TO APRIL 29, 1993 LTR FOR REQUEST FOR ARARs	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION	
LTR	05/07/93	H.A. SARASOHN	NO CALTRANS REQUIREMENTS		ARAR	6,7,8,9,10	
0000000000000000	00000	NAWS POINT MUGU	(REF DOC #000213) AR-99		RI	11	
0001	04.1	V. GOO					
NAWSPT 000214	07/26/96	COUNTY OF VENTURA	RESPONSE TO REQUEST FOR ARARs	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION	
LTR	05/12/93	L. PRESTON			ARAR	6,7,8,9,10	
0000000000000000	00000	NEESA PORT HUENEME	AR-100		RI	11	
0015	04.1	L. STAUSS					
NAWSPT 000318	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: "SUPERVISORS OK PLAN TO SAVE	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION	
MISC	05/12/93		MUGU LAGOON"				
0000000000000000	00000	PUBLIC INTEREST					
0001	10.6	1					
NAWSPT 000215	07/26/96	NAWS POINT MUGU	TRANSMITTAL OF MARCH 23-24 TRC MEETING MINUTES AND	ADMIN RECORD	MTG MINS	6,8,9,11 SOUTHWEST DIVISION	
LTR	05/13/93	T.M. BOOTHE	RI/FS FSP, RI/FS QAPP, RI/FS H&SP, SI FSP, SI QAPP, &		FS		
0000000000000000	00000	TRC MEMBERS	SI H&SP (REF DOC #000275) AR-101				
0020	03.6						
NAWSPT 000275	07/26/96	NAWS POINT MUGU	MARCH 23-24, 1993 OXNARD PLAIN TRC MEETING MINUTES	ADMIN RECORD	MTG MINS	3,7,10,5, SOUTHWEST DIVISION	
LTR	05/13/93	T.M. BOOTHE			TRC		
0000000000000000	00000	EPA SAN FRANCISCO	IR-25				
0016	10.4	J. ANDERSON					
NAWSPT 000319	07/30/96	LOS ANGELES TIMES	NEWSPAPER ARTICLE: LOS ANGELES TIMES-WEST COUNTY -	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION	
MISC	05/16/93		"WAGING A WAR AGAINST EXTINCTION-WILDLIFE AT RISK."				
0000000000000000	00000	PUBLIC INTEREST					
0003	10.6						
NAWSPT 000216	07/26/96	COUNTY OF VENTURA	RESPONSE TO REQUEST FOR ARARs (VENTURA COUNTY PARKS	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION	
LTR	05/18/93	P.S. PEDROFF	AND RECREATION IS UNAWARE OF ANY ARARs REQUIREMENTS)		ARAR	6,7,8,9,10	
0000000000000000	00000	NEESA PORT HUENEME	AR-102		RI	11	
0001	04.1	L. STRAUSS					
NAWSPT 000160	07/26/96	DF&G MONTEREY	COMMENTS ON THE DRAFT RI/FS FSP WILL NOT BE PROVIDED	ADMIN RECORD	COMMENTS	3 SOUTHWEST DIVISION	
LTR	05/26/93	M. MARTIN	DUE TO BUDGET AND TIME CONSTRAINTS CONCERNS OF THE				
0000000000000000	00000	NAWS POINT MUGU	FSP AR-46				
0004	03.6	T.M. BOOTHE					
NAWSPT 000018	09/29/95	J.M. MONTGOMERY	DRAFT RI/FS WORK PLAN	ADMIN RECORD	RI	1,2,4,5,6, SOUTHWEST DIVISION	
PLAN	06/01/93				FS	8,9,11	
N6247488D5086	00225	NAWS POINT MUGU					
1000	03.3						
NAWSPT 000131	07/25/96	PRC ENVIRONMENTAL	NAW POINT MUGU REMEDIAL INVESTIGATION/FEASIBLY STUDY	ADMIN RECORD	WORK PLAN	1,2,4,5,6 SOUTHWEST DIVISION	
RPT	06/01/93		FIELD SAMPLING PLAN QUALITY ASSURANCE PROJECT PLAN		RI	8,9,11	
00N6247488D5086	00225	NAWS POINT MUGU	HEALTH AND SAFETY PLAN				
0700	03.0						

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NAWSPT 000132	07/25/96	PRC ENVIRONMENTAL	NAWS POINT MUGU	ADMIN RECORD	WORK PLAN	3		SOUTHWEST DIVISION
RPT	06/01/93		SITE INSPECTION-PHASE II FIELD SAMPLING PLAN					
00N6247488D5086	00225	NAWS POINT MUGU	QUALITY ASSURANCE PROJECT PLAN HEALTH AND SAFETY PLAN					
0500	03.0							
NAWSPT 000133	07/25/96	PRC ENVIRONMENTAL	NAWS POINT MUGU	ADMIN RECORD	WORK PLAN	1,2,4,5,6		SOUTHWEST DIVISION
RPT	06/01/93		REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORK PLAN		RI	8,9,11		
00N6247488D5086	00225	NAWS POINT MUGU	DRAFT					
0500	03.3							
NAWSPT 000101	07/25/96	FISH AND GAME	ISSUE OF STATE PERMIT REQUIREMENTS FOR TAKE OF FISH	ADMIN RECORD	PERMIT	3,5,7,10		SOUTHWEST DIVISION
LTR	06/03/93	M. MARTIN	AND WILDLIFE SPECIES AT NAWS POINT MUGU AND WAS					
0000000000000000	00000	NEESA PORT HUENEME	DISCUSSED AT MARCH 24-25 TRC MEETING (REF DOC #000275)					
0018	01.6	L. STAUSS						
NAWSPT 000065	04/03/96	NPWRC DELANO, CA	RESPONSE TO MAY 21, 1993 REQUEST FOR COMMENTS ON THE	ADMIN RECORD	COMMENTS	1,2,4,5,6,		SOUTHWEST DIVISION
LTR	06/09/93	D. BARNUM	PRELIMINARY DRAFT ECOLOGICAL ASSESSMENT WORK PLAN		RI	8,9,11		
0000000000000000	00000	PRC ENVIRONMENTAL			EA			
0040	01.6	E. GREUTERT						
NAWSPT 000338	07/30/96	PUBLIC WORKS OFFICER	DRAFT COPY OF RI/FS WORK PLAN FOR NAWSPT FOR REVIEW	ADMIN RECORD	RI			SOUTHWEST DIVISION
LTR	06/09/93	T.M. BOOTHE	TO VARIOUS AGENCIES. REGULATORY REVIEW TIME FOR DOC.					
0000000000000000	00000	NOAA SAN FRANCISCO	IS 6/14/93 TO 7/14/93.SEND COMMENTS TO NAVY.					
0013	02.7	D. KLIMAS						
NAWSPT 000320	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE:"NAVY DISCLOSES SAN NICOLAS SPILL."	ADMIN RECORD	PUBNOT			SOUTHWEST DIVISION
MISC	06/13/93							
0000000000000000	00000	PUBLIC INTEREST						
0001	10.6							
NAWSPT 000217	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINEE TO SERVE ON THE NAWS POINT MUGU	ADMIN RECORD	TRC			SOUTHWEST DIVISION
LTR	06/17/93	T.M. BOOTHE	TRC		RI			
0000000000000000	00000	ARMY CORP ENGINEERS	AR-103					
0002	10.1	R.L. VANDANTWERP						
NAWSPT 000218	07/26/96	NAWS POINT MUGU	SOLITATION FOR NOMINEE TO SERVE ON THE NAWS POINT MUGU	ADMIN RECORD	TRC			SOUTHWEST DIVISION
LTR	06/17/93	T.M. BOOTHE	TRC		RI			
0000000000000000	00000	CONSERVATION SERVICE	AR-104					
0002	10.1	DIRECTOR						
NAWSPT 000219	07/26/96	NAWS POINT MUGU	FORMAL NOTICE OF CERCLA PROCEEDINGS WITH VARIOUS	ADMIN RECORD	CERCLA	1,2,3,4,5,		SOUTHWEST DIVISION
LTR	06/17/93	T.M. BOOTHE	ASSESSMENTS AND SITE INVESTIGATION TO IMPLEMENT		RI	6,7,8,9,10		
0000000000000000	00000	DFG MONTEREY	RESPONSES TO RELEASES OF HAZARDOUS SUBSTANCE AR-105			11		
0002	10.1	DIRECTOR						
NAWSPT 000220	07/26/96	NAWS POINT MUGU	FORMAL NOTICE OF CERCLA PROCEEDINGS WITH VARIOUS	ADMIN RECORD	CERCLA	1,2,3,4,5,		SOUTHWEST DIVISION
LTR	06/17/93	T.M. BOOTHE	ASSESSMENTS AND SITE INVESTIGATION TO IMPLEMENT		RI	6,7,8,9,10		
0000000000000000	00000	NOAA SAN FRANCISCO	RESPONSES TO RELEASES OF HAZARDOUS SUBSTANCE AR-106			11		
0001	10.1	DIRECTOR						

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NAWSPT 000163	07/26/96	DTSC GLENDALE	COMMENTS ON THE DRAFT RI/FS WORK PLAN	ADMIN RECORD	COMMENTS	1,2,4,5,6, SOUTHWEST DIVISION			
LTR	07/19/93	H. SAEBFAR	AR-48		RI	8,9,11			
0000000000000000	00000	NEESA POINT MUGU			FS				
0003	03.6	L. STAUSS							
NAWSPT 000067	04/03/96	PRC ENVIRONMENTAL	PRELIMINARY DRAFT ECOLOGICAL ASSESSMENT PHASE I FIELD	ADMIN RECORD	EA	1,2,4,5,6, SOUTHWEST DIVISION			
PLAN	07/26/93		SAMPLING PLAN		RI	8,9,11			
N6247488D5086	00225	NAWS POINT MUGU							
0200	03.3								
NAWSPT 000164	07/26/96	FISH & WILDLIFE	COMMENTS ON THE DRAFT RI/FS WORK PLAN FISH & WILDLIFE	ADMIN RECORD	COMMENTS	1,2,4,5,6, SOUTHWEST DIVISION			
LTR	08/03/93	C. FAANES	ARE UABLE TO COMMENT ON THIS PLAN DUE TO BUDGET AND		RI	7,8,9,11			
0000000000000000	00000	NEESA POINT MUGU	TIME CONSTRAINTS AR-50		FS				
0002	03.6	L. STAUSS							
NAWSPT 000321	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: "NAVY REPORTS ISLAND FUEL SPILL	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION			
MISC	08/13/93		AND SAN NICOLAS ISLAND TANK LEAKS."						
0000000000000000	00000	PUBLIC INTEREST							
0001	10.6								
NAWSPT 000043	11/02/95	WESTERN DIVISION	REGION 3 OF DTSC TO WITHDRAW FROM NEGOTIATIONS FOR A	ADMIN RECORD	FPSRA	SOUTHWEST DIVISION			
LTR	08/23/93	M.D. NORMAN	COOPERATIVE AGREEMENT	CONFIDENTIAL DOC	RI				
0000000000000000	00000	DTSC SACRAMENTO	"PRIVILEGED AND CONFIDENTIAL"						
0006	01.6	M. PHELPS							
NAWSPT 000224	07/26/96	NAWS POINT MUGU	DRAFT COMMUNTIY REALTION PLAN SENT FOR REVIEW AND	ADMIN RECORD	CRP	1,2,3,4,5, SOUTHWEST DIVISION			
LTR	08/23/93	V. GOO	COMMENTS		RI	6,7,8,9,11			
0000000000000000	00000	VARIOUS AGNECIES	AR-110						
0010	10.1								
NAWSPT 000044	11/02/95	WES	COMMENTS ON THE EA PHASE I SAMPLING PLAN	ADMIN RECORD	COMMENTS	1,2,4,5,6, SOUTHWEST DIVISION			
LTR	08/26/93	C.R.LEE			EA	8,9,11			
0000000000000000	00000	PRC ENIRONMENTAL			RI				
0005	01.6	E. GREUTERT							
NAWSPT 000165	07/26/96	DFG MONTEREY	COMMENTS ON THE DRAFT ECOLOGICAL ASSESSMENT WORK PLAN	ADMIN RECORD	COMMENTS	1,2,4,5,6, SOUTHWEST DIVISION			
LTR	09/02/93	M. MARTIN	AND DEFICIENT IN INCLUSION OF ARARs		EA	8,9,11			
0000000000000000	00000	NEESA POINT MUGU	AR-51		RI				
0017	03.6	L. STAUSS							
NAWSPT 000031	11/01/95	PRC ENVIRONMENTAL	MEETING MINUTES FOR PROCEDURES ON ESTABLISHING AND	ADMIN RECORD	MTG MINS	SOUTHWEST DIVISION			
MM	09/08/93	H. RITSCHER	MAINTAINING THE ADMINISTRATIVE RECORD FILE						
0000000000000000	00000	NAWS POINT MUGU							
0008	01.6	R. RICHTER							
NAWSPT 000049	11/02/95	PRC ENIRONMENTAL	ESTABLISHMENT AND MAINTANENCE OF THE ADMINISTRATIVE	ADMIN RECORD	RI	1,2,3,4,5, SOUTHWEST DIVISION			
MEMO	09/08/93	H. KRITSCHER	RECORD			6,7,8,9,10			
0000000000000000	00000	NEESA PORT HUENEME				11			
0008	01.6	R. RICHTER							

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NAWSPT 000166	07/26/96	OSA SACRAMENTO	COMMENTS ON THE DRAFT ECOLOGICAL ASSESSMENT WORK PLAN		ADMIN RECORD	COMMENTS	1,2,4,5,6,	SOUTHWEST DIVISION
LTR 09/08/93	J.M. POLISINI	IN GENERAL DOCUMENT CONSISTENT WITH DTSC POLICY			EA	8,9,11		
0000000000000000	00000	DTSC GLENDALE	AR-52			RI		
0004	03.6	P. NAKASHIMA						
NAWSPT 000279	07/28/96	NAWS POIN MUGU	"LIVING IN HARMONY" ENVIRONMENTAL DIVERSITY AT		ADMIN RECORD	PUBNOT	1,2,3,4,5,	SOUTHWEST DIVISION
MISC 09/08/93			NAWC WEAPONS DIVISION			RI	6,7,8,9,10	
0000000000000000	00000	COMMUNITY MEMBERS					11	
0024	10.3							
NAWSPT 000041	11/02/95	DTSC SACRAMENTO	DTSC TO WITHDRAW FROM FURTHER NEGOTIATIONS ON THE		ADMIN RECORD	FFSRA	1,2,3,4,5,	SOUTHWEST DIVISION
LTR 09/13/93	M.C. FELTS	POINT MUGU FEDERAL FACILITY SITE REMEDIATION AGREEMENT		CONFIDENTIAL DOC	RI	6,7,8,9,10		
0000000000000000	00000	SAN BRUNO	"PRIVELGED AND CONFIDENTIAL"				11	
0003	01.6	M. NORMAN						
NAWSPT 000104	07/25/96	DTSC SACRAMENTO	DECISION TO WITHDRAW FROM FURTHER NEGOTIATIONS ON THE		ADMIN RECORD	RI	1,2,3,4,5,	SOUTHWEST DIVISION
LTR 09/13/93	M. FELTS	POINT MUGU FEDERAL FACILITY SITE REMDIATION AGT BY THE					6,7,9,11	
0000000000000000	00000	NAVY SAN BRUNO	DTSC REGION 3					
0003	03.6	M. NORMAN						
NAWSPT 000167	07/26/96	DFG MONTEREY	COMMENTS ON THE DRAFT COMMUNITY RELATIONS PLAN		ADMIN RECORD	COMMENTS	1,2,3,4,5,	SOUTHWEST DIVISION
LTR 09/14/93	M. MARTIN					CRP	6,7,8,9,11	
0000000000000000	00000	NEESA PORT HUENEME	AR-53			RI		
0002	10.1	L. STAUSS						
NAWSPT 000322	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: "OFFICIALS SEEK TESTING OF DEER		ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION
MISC 09/18/93			MICE DEADLY VIRUS PEARED."					
0000000000000000	00000	PUBLIC INTEREST						
0001	10.6							
NAWSPT 000038	11/02/95	CAL/EPA	THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL AND		ADMIN RECORD	CLOSURE		SOUTHWEST DIVISION
LTR 09/20/93	J.M. STROSE	DESIGNATION FOR CALIFORNIA MILITRAY BASE CLEANUP						
0000000000000000	00000	VARIOUS						
0005	01.6							
NAWSPT 000056	04/03/96	PRC ENVIRONMENTAL	LONG-TERM INSTALLATION PLAN FOR NAWS POINT MUGU		ADMIN RECORD	IRP	1,2,3,4,5,	SOUTHWEST DIVISION
PLAN 09/20/93			REVISION 00				6,7,8,9,10	
N6247488D5086	00000	NAWS POINT MUGU					11	
0050	03.3							
NAWSPT 000323	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: "TESTING OF DEER MICE IMMINENT."		ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION
MISC 09/21/93								
0000000000000000	00000	PUBLIC INTEREST						
0001	10.6							
NAWSPT 000030	11/01/95	PRC ENVIRONMENTAL	FACT SHEET FOR NAWS POINT MUGU AND SAN NICOLAS ISLAND		ADMIN RECORD	PUBNOT	1,2,3,4,5,	SOUTHWEST DIVISION
MISC 09/24/93	E. GRENTERT					RI	6,8,9,11,	
0000000000000000	00000	NAWS POINT MUGU						
0009	10.3	R. RICHTER						

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NAWSPT 000047	11/02/95	PRC ENVIRONMENTAL	POINT MUGU FACT SHEET FOR NAWs POINT MUGU	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
LTR	09/24/93	E. GREUTERT	AND SAN NICOLAS ISLAND					
0000000000000000	00000	NEESA PORT HUENEME						
0009	10.3	R. RICHTER						
NAWSPT 000105	07/25/96	PRC RANCHO CORDOVA	FINALIZATION OF RI/FS AND SITE INSPECTION PROJECT	ADMIN RECORD	RI	1,2,4,5,6,	SOUTHWEST DIVISION	
LTR	09/27/93	E. GRUETERT	OPERATIONS PLANS DOCUMENTS INCLD:			11		
00N6247488D5086	00225	NEESA PORT HUENEME	RI/FS (FSP) RI/FS (HSP) RI/FS (QAPP), SI (FSP, QAPP, HSP)					
0062	03.0	R. RICHTER						
NAWSPT 000034	11/02/95	EPA SAN FRANCISCO	RESULTS OF REVIEW OF THE SITE INSPECTION REQUEST FOR	ADMIN RECORD	SI	1,2,3,4,5,	SOUTHWEST DIVISION	
LTR	09/30/93	D.C. WHITE	SITES 1,2,3,4,5,6,7,8,9, & 11		RI	6,7,8,9,11		
0000000000000000	00000	PMTC POINT MUGU						
0003	01.6	MR. SHIDE						
NAWSPT 000006	08/11/95	PRC ENVIRONMENTAL	FINAL RI/FS WORK PLAN	ADMIN RECORD	RI	1,2,4,5,6,	SOUTHWEST DIVISION	
PLAN	10/01/93				FS	8,9,11		
N6247488D5086	00225	NAWS POINT MUGU						
0450	03.3							
NAWSPT 000175	07/26/96	PMTC POINT MUGU	RESPONSE TO DTSC GENERAL COMMENTS ON THE DRAFT RI/FS	ADMIN RECORD	RESPONSE	1,2,4,5,6	SOUTHWEST DIVISION	
LTR	10/01/93		WORK PLAN		COMMENTS	8,9,11		
0000000000000000	00000	DTSC	AR-61		RI			
0010	10.1				FS			
NAWSPT 000230	07/26/96	NAWS POINT MUGU	FACT SHEET "NAWS POINT MUGU ENVIRONMENTAL FACT SHEET"	ADMIN RECORD	PUBNOT	1,2,3,4,5,	SOUTHWEST DIVISION	
MISC	10/01/93		ISSUE 1: FALL 1993		RI	6,7,8,9,10		
0000000000000000	00000	COMMUNITY MEMBERS	AR-117			11		
0006	10.4							
NAWSPT 000037	11/02/95	PRC ENVIRONMENTAL	RESPONSE TO COMMENTS ON NAWs POINT MUGU DRAFT RI/FS	ADMIN RECORD	COMMENTS	1,2,3,4,5,	SOUTHWEST DIVISION	
LTR	10/02/93	E. GREUTERT	WORK PLAN		RI	6,8,9,11		
0000000000000000	00000	NEESA PORT HUENEME			FS			
0011	03.6	R. RICHTER						
NAWSPT 000106	07/25/96	NAWS POINT MUGU	COPY OF DRAFT FINAL RI/FS WORK PLAN FOR NAWs POINT	ADMIN RECORD	RI	1,2,4,5,6,	SOUTHWEST DIVISION	
LTR	10/07/93	T.M. BOOTHE	MUGU ENCLOSED FOR AGENCY'S REVIEW. WORK PLAN TO BE		WORK PLAN	8,9,11		
0000000000000000	00000	DOEH VENTURA	FINAL ON OCTOBER 23,1993. ENCL: DRAFT FINAL,WORK PLAN					
0010	03.6	S. KEPHART						
NAWSPT 000036	11/02/95	FISH & GAME	RESPONSE TO COMMENTS ON THE DRAFT RI/FS FIELD	ADMIN RECORD	COMMENTS	1,2,3,4,5,	SOUTHWEST DIVISION	
LTR	10/08/93	M. MARTIN	SAMPLING PLANS FOR THE RI/FS STUDY		FS	6,8,9,11		
0000000000000000	00000	NAWS POINT MUGU			RI			
0002	03.6	T.M. BOOTHE						
NAWSPT 000040	11/02/95	DTSC LONG BEACH	COMMENTS ON THE FACT SHEET ISSUE 1 FALL 1993	ADMIN RECORD	COMMENTS		SOUTHWEST DIVISION	
LTR	10/13/93	C. ALBANEZ						
0000000000000000	00000	NAWS POINT MUGU						
0003	10.1	R. RICHTER						

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NAWSPT 000039 LTR 0000000000000000 0006	11/02/95 10/14/93 00000 01.6	DTSC GLENDALE P. NAKASHIMA NAWS POINT MUGU R. RICHTER	COMMENTS (DRAFT) ON THE DRAFT ECOLOGICAL ASSESSMENT WORKPLAN OF JULY 1993	ADMIN RECORD	COMMENTS EA RI	1,2,4,5,6 8,9,11	SOUTHWEST DIVISION	
NAWSPT 000168 LTR 0000000000000000 0006	07/26/96 10/21/93 00000 10.1	DTSC GLENDALE C. ALBANEZ NFESC PORT HUENEME R. RICHTER	COMMENTS ON THE DRAFT COMMUNITY RELATIONS PLAN AR-54	ADMIN RECORD	COMMENTS CRP RI	1,2,3,4,5, 6,7,8,9,11	SOUTHWEST DIVISION	
NAWSPT 000107 LTR 0000000000000000 0001	07/25/96 10/22/93 00000 03.3	FISH AND WILDLIFE J. HOHM-ACTING NFESC PORT HUENEME R. RICHTER	RECEIVED DRAFT FINAL RI/FS FOR NAWS POINT MUGU ON OCTOBER 14, 1993 FOR REVIEW.	ADMIN RECORD	RI	1,2,3,4,5, 6,7,8,9,10 11	SOUTHWEST DIVISION	
NAWSPT 000108 LTR 0000000000000000 0002	07/25/96 10/28/93 00000 03.6	NAWS POINT MUGU T.M. BOOTHE RWQCB MONTEREY G. HUBNER	JUNE 24, 1993 PROJECT OPERATIONS PLANS FOR NAWS POINT MUGU BECAME FINAL. DOCUMENTS INCLUDE: RI/FS (FSP)RI/FS (HSP, QAPP), SI (FSP,HSP, QAPP)	ADMIN RECORD	RI	1,2,4,5,6, 11	SOUTHWEST DIVISION	
NAWSPT 000109 LTR 0000000000000000 0010	07/25/96 10/28/93 00000 03.6	NAWS POINT MUGU T.M. BOOTHE APCD VENTURA T. THOMAS	COPY OF THE DRAFT ECOLOGICAL ASSESSMENT PHASE I FILED SAMPLING PLAN FOR NAWS POINT MUGU ENCLOSED FOR REVIEW. PROVIDE COMMENTS BY 11/24/93 TO L.STAUSS ETAL	ADMIN RECORD	RI	1,2,3,4,5, 6,8,9,11	SOUTHWEST DIVISION	
NAWSPT 000009 PLAN N6247488D5086 0550	08/11/95 11/01/93 00225 01.1	PRC ENVIRONMENTAL NAWS POINT MUGU	DRAFT FINAL ECOLOGICAL ASSESSMENT WORK PLAN	ADMIN RECORD	RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION	
NAWSPT 000066 PLAN N6247488D5086 0200	04/03/96 11/01/93 00225 03.1	PRCE ENVIRONMENTAL NAWS POINT MUGU	DRAFT ECOLOGICAL ASSESSMENT PHASE I FIELD SAMPLING PLAN	ADMIN RECORD	EA RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION	
NAWSPT 000033 LTR 0000000000000000 0002	11/02/95 11/12/93 00000 03.6	NAWS POINT MUGU T.M. BOOTHE VARIOUS	RI PHASE I FIELDWORK SCHEDULED TO IN DECEMBER 1993	ADMIN RECORD	RI		SOUTHWEST DIVISION	
NAWSPT 000324 MISC 0000000000000000 0001	07/30/96 11/15/93 00000 10.6	LOS ANGELES TIMES PUBLIC INTEREST	NEWSPAPER ARTICLE: VC WEST EDITION-"STATE DESIGNATES SCIENCE OFF POINT MUGU."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
NAWSPT 000229 MISC 0000000000000000 0001	07/26/96 11/17/93 00000 10.4	NAWS POINT MUGU COMMUNITY MEMBERS	FLYER "ENVIRONMENTAL PUBLIC PARTICIPATION EVENT" AR-117	ADMIN RECORD	PUBNOT RI	1,2,3,4,5, 6,7,8,9,10 11	SOUTHWEST DIVISION	

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NAWSPT 000325	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: "IT'S ABOUT MONEY AND POWER-BASE	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
MISC 11/21/93			HOW TO LIVE TOGETHER."					
0000000000000000	00000	PUBLIC INTEREST						
0002	10.6							
NAWSPT 000326	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: "UNIFIED EFFORT TO SAVE BASES	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
MISC 11/22/93			GROWS SLOWLY."					
0000000000000000	00000	PUBLIC INTEREST						
0001	10.6							
NAWSPT 000226	07/26/96	LOS ANGELES TIMES	PROOF OF PULICATION AND NEWSPAPER ARTICLE	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
MISC 11/23/93			"ENVIRONMENTAL PUBLIC PARTICIPTION EVENT"					
0000000000000000	00000	COMMUNITY MEMBERS	AR-112					
0001	10.5							
NAWSPT 000045	11/02/95	FISH & WILDLIFE	COMMENTS ON THE DRAFT EA PHASE I FIELD SAMPLING PLAN	ADMIN RECORD	COMMENTS	1,2,4,5,6, SOUTHWEST DIVISION		
LTR 11/24/93		C. FAANES			EA	8,9,11		
0000000000000000	00000	NFESC PORT HUENEME						
0005	01.6	R. RICHTER						
NAWSPT 000046	11/02/95	NFESC PORT HUENEME	NEWSPAPER ARTICLE "ENIRONMENTAL CLEANUP STUDY TO	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
MISC 11/24/93		R. RICHTER	BEGIN"					
0000000000000000	00000	COMMUNTIY MEMBERS						
0002	10.3							
NAWSPT 000169	07/26/96	FISH & WILDLIFE	COMMENTS ON THE DRAFT COMMUNITY RELATIONS PLAN	ADMIN RECORD	COMMENTS	1,2,3,4,5, SOUTHWEST DIVISION		
LTR 11/24/93		C. FAANES	OF OCTOBER 28, 1993		CRP	6,7,8,9,11		
0000000000000000	00000	NFESC PORT HUENEME	AR-55		RI			
0005	01.6	R. RICHTER						
NAWSPT 000227	07/26/96	VENTUA COUNTY STAR	PROOF OF PULICATION AND NEWSPAPER ARTICLE	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
MISC 11/26/93			"ENVIRONMENTAL PUBLIC PARTICIPTION EVENT"					
0000000000000000	00000	COMMUNITY MEMBERS	AR-114					
0001	10.5							
NAWSPT 000110	07/25/96	PRC RANCHO CORDOVA	PRC HAS LOCATED THE ADDRESSES AND POINT OF CONTACTS OF	ADMIN RECORD	RI		SOUTHWEST DIVISION	
LTR 11/29/93		L. LEMMONS	INTEREST PARTIES FOR THE NAWs POINT MUGU MAILING LIST.					
00N6247488D5086	00048	EPA						
0001	10.0	C. ALBANEZ						
NAWSPT 000111	07/25/96	PRC ENVIRONMENTAL	NATURAL RESOURCE HANDBOOK FOR FIELD INVESTIGATIONS	ADMIN RECORD	GUID		SOUTHWEST DIVISION	
GUID 11/30/93		E. GREUTERT						
00N6247488D5086	00225	NAWS POINT MUGU						
0022	11.6	L. STAUSS						
NAWSPT 000236	07/26/96	NAWS POINT MUGU	RESPONSES TO CAL/FISH & GAME COMMENTS ON THE DRAFT	ADMIN RECORD	RESPONSE	1,2,4,5,6, SOUTHWEST DIVISION		
LTR 11/30/93			ECOLOGICAL ASSESSMENT WORK PLAN		EA	8,9,11		
0000000000000000	00000	FISH & GAME	AR-134		RI			
0009	01.6							

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NAWSPT 000237	07/26/96	NAWS POINT MUGU	RESPONSES TO DTSC COMMENTS ON THE DRAFT ECOLOGICAL ASSESSMENT WORK PLAN	ADMIN RECORD	RESPONSE COMMENTS	1,2,3,4,5, 6,7,8,9,10	SOUTHWEST DIVISION	
LTR	11/30/93	DTSC	AR-135		RI	11		
0000000000000000	00000							
0007	01.6							
NAWSPT 000327	07/30/96	STAR FREE PRESS	ANNOUNCEMENT REGARDING ENVIRONMENTAL PUBLIC PARTICIPATION EVENT DTD DECEMBER 2, 1993 3:30 P.M.	ADMIN RECORD	PRESS REL		SOUTHWEST DIVISION	
MISC	11/30/93		OXNARD COLLEGE ROOM LRC 3		RI			
0000000000000000	00000	PUBLIC INTEREST						
0001	10.6							
NAWSPT 000008	08/11/95	PRC ENVIRONMENTAL	DRAFT FINAL ECOLOGICAL ASSESSMENT PHASE I FIELD SAMPLING PLAN	ADMIN RECORD	RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION	
PLAN	12/01/93							
N6247488D5086	00225	NAWS POINT MUGU						
0350	01.1							
NAWSPT 000112	07/25/96	NAWS POINT MUGU	RESPONSE TO US EPA LETTER DTD SEPTEMBER 30, 1993 REGARDING REVIEW OF THE DRAFT FINAL SI REPORT FOR NAWS POINT MUGU AKA PMTC. SITES, 1,2,4,5,6,8,9,11 (000034)	ADMIN RECORD	RESPONSE	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION	
LTR	12/01/93	T.M. BOOTHE			RI			
0000000000000000	00000	EPA SAN FRANCISCO						
0004	01.6	C. DOUGLAS						
NAWSPT 000120	07/25/96	PRC RANCHO CARDOVA	FINAL ECOLOGICAL ASSESSMENT WORK PLAN	ADMIN RECORD	WORK PLAN	1,2,3,4,5 6,7,9,11	SOUTHWEST DIVISION	
PLAN	12/01/93				RI			
00N6247488D5086	00225	NAVY						
''00	03.3	L. STAUSS						
NAWSPT 000122	07/25/96	PRC RANCHO CARDOVA	FINAL ECOLOGICAL ASSESSMENT WORK PLAN	ADMIN RECORD	WORK PLAN	1,2,3,4,5 6,7,9,11	SOUTHWEST DIVISION	
PLAN	12/01/93	E. GREUTERT			RI			
00N6247488D5086	00225	NAVY						
0500	03.3	L. STAUSS						
NAWSPT 000130	07/25/96	PRC ENVIRONMENTAL	NAWS POINT MUGU MAIN BASE AND SAN NICOLAS ISLAND INSTALLATION RESTORATION PROGRAM	ADMIN RECORD	WORK PLAN		SOUTHWEST DIVISION	
RPT	12/01/93				RI			
00N6247488D5086	00000	NAWS POINT MUGU						
0300	10.3							
NAWSPT 000225	07/26/96	NAWS POINT MUGU	RESPONSE TO LTRS OF MAY 26, 1993 & OCTOBER 8, 1993 ON RI/FS, SI & ECOLOGICAL ASSESSMENT COMMENTS (REF DOC #000160 & 000036) AR-111	ADMIN RECORD	RESPONSE	1,2,3,4,5, 6,7,8,9,10	SOUTHWEST DIVISION	
LTR	12/01/93	T.M. BOOTHE			RI	11		
0000000000000000	00000	CAL/FISH & GAME						
0002	01.6	M. MARTIN						
NAWSPT 000299	07/30/96	NAWS POINT MUGU	RESPONSE TO LETTERS DTD MAY 26, 1993, AND OCTOBER 8, 1993. PHASE I RI/FS, SI AND EA FIELD WORK AT NAWS POINT MUGU SCHEDULED TO BEGIN DECEMBER 1993.	ADMIN RECORD	RI		SOUTHWEST DIVISION	
LTR	12/01/93	T.M. BOOTHE						
0000000000000000	00000	FISH AND GAME						
0002	10.1	M. MARTIN						
NAWSPT 000328	07/30/96	STAR FREE PRESS	NEWSPAPER ARTICLE: "NAVY TO EXPLAIN POINT MUGU CLEANUP PLAN"	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION	
MISC	12/01/93				RI			
0000000000000000	00000	PUBLIC INTEREST						
0001	10.6							

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NAWSPT 000329	07/30/96							NEWSPAPER ARTICLE: "MEETING TO FOCUS ON CLEANUP AT BASE."	ADMIN RECORD	PUBNOT RI		SOUTHWEST DIVISION
MISC 0000000000000000	12/01/93											
0001	00000							PUBLIC INTEREST				
	10.6											
NAWSPT 000330	07/30/96							NEWSPAPER ARTICLE: "MUGU CLEANUP EFFORTS DETAILED DURING FORUM."	ADMIN RECORD	PUBNOT RI		SOUTHWEST DIVISION
MISC 0000000000000000	12/02/93											
0001	00000							PUBLIC INTEREST				
	10.6											
NAWSPT 000331	07/30/96							NEWSPAPER ARTICLE: "NAVY EXPLAINS POLLUTIONS TESTING."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION
MISC 0000000000000000	12/02/93											
0001	00000							PUBLIC INTEREST				
	10.6											
NAWSPT 000332	07/30/96							NEWSPAPER ARTICLE: VENTURA SECTION- "STUDY TO FOCUS ON 8 POSSIBLE TOXIC SITES."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION
MISC 0000000000000000	12/02/93											
0001	00000							PUBLIC INTEREST				
	10.6											
NAWSPT 000170	07/26/96							COMMENTS ON THE RESPONSES FROM PRC ON THE DRAFT FINAL ECOLOGICAL ASSESSMENT WORK PLAN	ADMIN RECORD	COMMENTS RESPONSE EA	1,2,4,5,6 8,9,11	SOUTHWEST DIVISION
LTR 0000000000000000	12/03/93							AR-56				
0003	00000							NAWS POINT MUGU				
	01.6							T.M. BOOTH				
										RI		
NAWSPT 000333	07/30/96							NEWSPAPER ARTICLE: "STATE DIGEST NO HANTAVIRUS SEEN IN MICE TESTS."	ADMIN RECORD	PUBNOT		SOUTHWEST DIVISION
MISC 0000000000000000	12/11/93											
0001	00000							PUBLIC INTEREST				
	10.6											
NAWSPT 000032	11/01/95							DECEMBER 13, 1993 TRC MEETING MINUTES FOR CBC PORT HUENEME, SAN NICOLAS ISLAND, AND NAWS POINT MUGU	ADMIN RECORD	MTG MINS RI	1,2,3,4,5, 6,7,8,9,11 10	SOUTHWEST DIVISION
MM 0000000000000000	12/13/93											
0005	00000							TRC MEMBERS				
	10.3											
NAWSPT 000048	11/02/95							DECEMBER 13, 1993 TRC MEETING MINUTES AND AGENDA FOR CBC PORT HUENEME, SAN NICOLAS ISLAND AND NAWS POINT MUGU	ADMIN RECORD	MTG MINS RI	1,2,3,4,5, 6,8,9,11	SOUTHWEST DIVISION
MM 0000000000000000	12/13/93											
0005	00000							TRC MEMBERS				
	10.4											
NAWSPT 000171	07/26/96							COMMENTS ON THE DRAFT FINAL ECOLOGICAL ASSESSMENT WORK PLAN OF NOVEMBER 24, 1993	ADMIN RECORD	COMMENTS EA RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION
LTR 0000000000000000	12/17/93							(REF DOC #000144) AR-57				
0005	00000							NAWS POINT MUGU				
	01.6							NFESC PORT HUENEME				
								R. RICHTER				
NAWSPT 000113	07/25/96							RESPONSE TO LETTER DTE NOVEMBER 23, 1993, REQUESTING DTSC TO RECONSIDER THE NO FURTHER ACTION RECOMMENDA.	ADMIN RECORD	RESPONSE	5,6,12,13 15	SOUTHWEST DIVISION
LTR 0000000000000000	12/21/93							ENTITLED "REMOVAL EVALUATION FOR SITES 5,6,12,13,&15"				
0002	00000							NCBC PORT HUENEME				
	01.6							LT.SAUERWEIN				

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NAWSPT 000238 LTR 0000000000000000 0007	07/26/96 12/23/93 00000 01.6	NAWS POINT MUGU FISH & WILDLIFE	RESPONSES TO FISH & WILDLIFE COMMENTS ON THE DRAFT ECOLOGICAL ASSESSMENT PHASE I FSP AR-136	ADMIN RECORD	RESPONSE COMMENTS RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION	
NAWSPT 000242 LTR 0000000000000000 0010	07/26/96 12/29/93 00000 01.6	NAWS POINT MUGU T.M. BOOTHE VARIOUS AGENCIES	DRAFT FINAL ECOLOGICAL ASSESSMENT PHASE I FSP SENT FOR REVIEW AND COMMENTS AR-140	ADMIN RECORD	EA RI	1,2,4,5,8, 9,11	SOUTHWEST DIVISION	
NAWSPT 000243 LTR 0000000000000000 0010	07/26/96 12/29/93 00000 01.6	NAWS POINT MUGU T.M. BOOTHE VARIOUS AGENCIES	NOTICE THAT RI/FS FIELD WORK WILL BEGIN AR-141	ADMIN RECORD	RI FS	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION	
NAWSPT 000121 PLAN 00N6247488D5086 0250	07/25/96 01/01/94 00225 03.1	PRC E. GREUTERT NAWS PORT MUGU	NAWS POINT MUGU ECOLOGICAL ASSESSMENT PHASE I FIELD SAMPLING PLAN FINAL	ADMIN RECORD	SMP RI	1,2,4,5,6 8,9,11	SOUTHWEST DIVISION	
NAWSPT 000176 LTR 0000000000000000 0003	07/26/96 01/01/94 00000 10.1	PMTC POINT MUGU DTSC	RESPONSE TO DTSC COMMENTS ON THE DRAFT FINAL COMMUNITY RELATIONS PLAN AR-62	ADMIN RECORD	RESPONSE COMMENTS CRP RI	1,2,3,4,5, 6,7,8,9,11	SOUTHWEST DIVISION	
NAWSPT 000228 LTR 0000000000000000 0020	07/26/96 01/03/94 00000 10.2	NAWS POINT MUGU T.M. BOOTHE VARIOUS AGENCIES	REPLACEMENT PAGES FOR THE COMMUNITY RELATIONS PLAN THIS PAGES CONSTITUTE THE FINAL CRP (PAGES PLACED IN CRP) AR-116	ADMIN RECORD	CRP RI	1,2,3,4,5, 6,7,8,9,10 11	SOUTHWEST DIVISION	
NAWSPT 000234 LTR 0000000000000000 0005	07/26/96 01/05/94 00000 01.6	DTSC GLENDALE H. SAEBFAR NFESC PORT HUENEME R. RICHTER	COMMENTS ON THE DRAFT ECOLOGICAL ASSESSMENT PHASE I FSP AR-132	ADMIN RECORD	COMMENTS EA RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION	
NAWSPT 000114 XMTL 0000000000000000 0010	07/25/96 01/31/94 00000 10.6	PRC R. RICHTER SOUTHWEST DIVISION	PROOF OF PUBLICATION DOCUMENTS	ADMIN RECORD	PRESS REL		SOUTHWEST DIVISION	
NAWSPT 000276 LTR 0000000000000000 0006	07/26/96 02/04/94 00000 10.4	NAWS POINT MUGU T.M. BOOTHE EPA SAN FRANCISCO J. ANDERSON	DECEMBER 13, 1993 OXNARD PLAIN TRC MEETING MINUTES IR-26	ADMIN RECORD	MTG MINS TRC RI	1,2,9	SOUTHWEST DIVISION	
NAWSPT 000298 MM 0000000000000000 0019	07/30/96 02/04/94 00000 10.5	NAWS POINT MUGU T.M. BOOTHE PUBLIC NOTICE	MEETING MINUTES DTD DECEMBER 13, 1993, PLAIN TRC.	ADMIN RECORD	MTG MINS RI		SOUTHWEST DIVISION	

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NAWSPT 000239	07/26/96	NAWS POINT MUGU	RESPONSES TO FISH & GAME COMMENTS ON THE DRAFT FINAL	ADMIN RECORD	RESPONSE	1,2,4,5,6, SOUTHWEST DIVISION		
LTR	02/07/94	ECOLOGICAL ASSESSMENT WORK PLAN	AR-137		COMMENTS	8,9,11		
0000000000000000	00000	FISH & GAME			RI			
0001	01.6							
NAWSPT 000240	07/26/96	NAWS POINT MUGU	RESPONSES TO FISH & WILDLIFE COMMENTS ON THE DRAFT	ADMIN RECORD	RESPONSE	1,2,4,5,6, SOUTHWEST DIVISION		
LTR	02/07/94	FINAL ECOLOGICAL ASSESSMENT WORK PLAN	AR-138		COMMENTS	8,9,11		
0000000000000000	00000	FISH & WILDLIFE			RI			
0005	01.6							
NAWSPT 000241	07/26/96	NAWS POINT MUGU	RESPONSES TO DTSC COMMENTS ON THE DRAFT ECOLOGICAL	ADMIN RECORD	RESPONSE	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	02/09/94	ASSESSMENT PHASE I FSP	AR-139		COMMENTS	6,7,8,9,10		
0000000000000000	00000	DTSC			RI	11		
0009	01.6							
NAWSPT 000244	07/26/96	NAWS POINT MUGU	REPLACEMENT PAGES FOR THE EA WORK PLAN, RESPONSES	ADMIN RECORD	EA	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	02/22/94	T.M. BOOTHE	TO COMMENTS FROM DTSC, FOR FINALIZING THE EA FSP		RI	6,7,8,9,10		
0000000000000000	00000	VARIOUS AGENCIES	AR-142			11		
0020	01.6							
NAWSPT 000245	07/26/96	NAWS POINT MUGU	REPLACEMENT PAGES FOR THE EA WORK PLAN, RESPONSES	ADMIN RECORD	EA	1,2,3,4,5, SOUTHWEST DIVISION		
LTR	02/22/94	T.M. BOOTHE	TO COMMENTS FROM FISH & WILDLIFE & FISH & GAME FOR		RI	6,7,8,9,10		
0000000000000000	00000	VARIOUS AGENCIES	FINALIZING THE EA WORK PLAN AR-143			11		
0020	01.6							
NAWSPT 000235	07/26/96	FISH & GAME	COMMENTS ON THE DRAFT ECOLOGICAL ASSESSMENT PHASE I	ADMIN RECORD	COMMENTS	1,2,4,5,6, SOUTHWEST DIVISION		
LTR	03/18/94	J.L. TURNER	FSP		RI	8,9,11		
0000000000000000	00000	NFESC PORT HUENEME	AR-133					
0012	01.6	R. RICHTER						
NAWSPT 000277	07/26/96	NAWS POINT MUGU	MAY 5, 1994 OXNARD PLAIN TRC MEETING MINUTES	ADMIN RECORD	MTG MINS	SOUTHWEST DIVISION		
LTR	05/19/94	T.M. BOOTHE	IR-27		TRC			
0000000000000000	00000	EPA SAN FRANCISCO			RI			
0015	10.4	J. ANDERSON						
NAWSPT 000297	07/30/96	NAWS POINT MUGU	MEETING MINUTES DTD MAY 5, 1994, OXNARD PLAIN TRC.	ADMIN RECORD	MTG MINS	SOUTHWEST DIVISION		
MM	05/19/94	T.M. BOOTHE			RI			
0000000000000000	00000	VARIOUS AGENCIES						
0019	10.5							
NAWSPT 000285	07/28/96	STAR FREE PRESS	NEWSPAPER ARTICLE "PUBLIC ANNOUNCEMENT NAWA POINT	ADMIN RECORD	PUBNOT	1,2,3,4,5, SOUTHWEST DIVISION		
MISC	06/09/94	MUGU AND NCBC PORT HUENEME ESTABLISHMENT OF RAB"			RI	6,7,8,9,10		
0000000000000000	00000					11		
0001	10.3							
NAWSPT 000115	07/25/96	NAWS POINT MUGU	THANK YOU LETTER FOR SERVING AS REPOSITORY FACILITY	ADMIN RECORD	RI	SOUTHWEST DIVISION		
LTR	06/10/94	T.M. BOOTHE	FOR THE AR DOCUMENTS AT NAWA POINT MUGU. ENCLOSED					
0000000000000000	00000	NAWS POINT MUGU	DOCUMENTS TO BE PLACED IN LIBRARY FOR PUBLIC REVIEW					
0003	07.8	S. TAN						

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NAWSPT 000116	07/25/96	NAWS POINT MUGU	THANK YOU LETTER FOR SERVING AS REPOSITORY FACILITY	ADMIN RECORD	RI			SOUTHWEST DIVISION	
LTR	06/10/94	T.M. BOOTHE	FOR THE AR DOCUMENTS AT NAWS POINT MUGU. ENCLOSED						
0000000000000000	00000	NAWS POINT MUGU	DOCUMENTS TO BE PLACED IN LIBRARY FOR PUBLIC REVIEW						
0003	07.8	D. MCLAUGHLIN							
NAWSPT 000289	07/29/96	OXNARD PRESS-COURIER	NAWSPT POINT MUGU AND PORT HUENEME PUB. ANNOUNCEMENT	ADMIN RECORD	RAB			SOUTHWEST DIVISION	
MISC	06/13/94		REGARDING POINT MUGU AND NCBC PORT HUENEME AND NFESC		RI				
0000000000000000	00000	PUBLIC	ESTABLISHMENT OF A RAB. FORMATION OF RAB JUNE 28,1994						
0001	10.6								
NAWSPT 000287	07/29/96	MISSILE NEWSPAPER	NAWSPT POINT MUGU AND PORT HUENEME PUB. ANNOUNCEMENT	ADMIN RECORD	RAB			SOUTHWEST DIVISION	
MISC	06/16/94		REGARDING POINT MUGU AND NCBC PORT HUENEME AND NFESC		RI				
0000000000000000	00000	PUBLIC	ESTABLISHMENT OF A RAB.						
0001	10.6								
NAWSPT 000288	07/29/96	SEABEE COVERALL NEWS	NAWSPT POINT MUGU AND PORT HUENEME PUB. ANNOUNCEMENT	ADMIN RECORD	RAB			SOUTHWEST DIVISION	
MISC	06/17/94		REGARDING POINT MUGU AND NCBC PORT HUENEME AND NFESC		RI				
0000000000000000	00000	PUBLIC	ESTABLISHMENT OF A RAB.						
0001	10.6								
NAWSPT 000290	07/29/96	STAR FREE PRESS	NAWSPT POINT MUGU AND PORT HUENEME PUB. ANNOUNCEMENT	ADMIN RECORD	RAB			SOUTHWEST DIVISION	
MISC	06/20/94		REGARDING POINT MUGU AND NCBC PORT HUENEME AND NFESC		RI				
0000000000000000	00000	PUBLIC	ESTABLISHMENT OF A RAB.FORMATION OF RAB JUNE 28,1994						
0001	10.6								
NAWSPT 000231	07/26/96	NAWS POINT MUGU	APPROVAL OF REMOVAL ACTION FOR SITES 5 AND 6	ADMIN RECORD	RA	5,6		SOUTHWEST DIVISION	
LTR	06/22/94	J.W. KELLY	AR-120						
0000000000000000	00000								
0005	02.5								
NAWSPT 000291	07/29/96	LOS ANGELES TIMES	NAWSPT POINT MUGU AND PORT HUENEME PUB. ANNOUNCEMENT	ADMIN RECORD	RAB			SOUTHWEST DIVISION	
MISC	06/22/94		REGARDING POINT MUGU AND NCBC PORT HUENEME AND NFESC		RI				
0000000000000000	00000	PUBLIC	ESTABLISHMENT OF A RAB.FORMATION OF RAB JUNE 28,1994						
0001	10.6								
NAWSPT 000232	07/26/96	NAWS POINT MUGU	INFORMATION ON THE REMOVAL ACTION TO BE TAKEN AT	ADMIN RECORD	RA	5		SOUTHWEST DIVISION	
LTR	06/23/94	T.G. PREBLE	SITE 5						
0000000000000000	00000	FISH & WILDLIFE	AR-121						
0003	02.7	C.A. FAANES							
NAWSPT 000233	07/26/96	FISH & WILDLIFE	INFORMAL CONSULTATION FOR THE EMERGENCY REMOVAL OF	ADMIN RECORD	RA	5		SOUTHWEST DIVISION	
LTR	06/23/94	C. FAANES	CONTAMINATED SOIL AT SITE 5						
0000000000000000	00000	NAWS POINT MUGU	AR-121						
0002	02.7	T.G. PREBLE							
NAWSPT 000292	07/29/96	MISSILE NEWS	NAWSPT POINT MUGU AND PORT HUENEME PUB. ANNOUNCEMENT	ADMIN RECORD	RAB			SOUTHWEST DIVISION	
MISC	06/23/94		REGARDING POINT MUGU AND NCBC PORT HUENEME AND NFESC		RI				
0000000000000000	00000	PUBLIC	ESTABLISHMENT OF A RAB.FORMATION OF RAB JUNE 28,1994						
0001	10.6								

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NAWSPT 000259	07/26/96	VENTURA COUNTY NEWS	NEWSPAPER ARTICLE "PUBLIC NOTICE ANNOUNCING THE	ADMIN RECORD	PUBNOT	1,2,3,4,5, SOUTHWEST DIVISION		
MISC 06/24/94		COMMUNITY MEMBERS	AVAILABILITY OF THE ADMINISTRATIVE RECORD FILE OR		RI	6,7,8,9,10		
0000000000000000	00000		REMEDIAL ACTIVITIES AT NAWA POINT MUGU " AR-158			11		
0001	10.4							
NAWSPT 000282	07/28/96	NAWS POIN MUGU	NEWSPAPER ARTICLE "TOXIC SOIL REMOVED FROM BASE AT	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION		
MISC 06/24/94			POINT MUGU TO SAVE BIRDS NEST"		RI			
0000000000000000	00000							
0001	10.3							
NAWSPT 000283	07/28/96	STAR FREE PRESS	NEWSPAPER ARTICLE "CREWS RID MUGU MARSH OF	ADMIN RECORD	PUBNOT	SOUTHWEST DIVISION		
MISC 06/25/94			CONTAMINATED SOIL"		RI			
0000000000000000	00000							
0001	10.3							
NAWSPT 000293	07/29/96	LOS ANGELES TIMES	NAWSPT POINT MUGU AND PORT HUENEME PUB. ANNOUNCEMENT	ADMIN RECORD	RAB	SOUTHWEST DIVISION		
MISC 06/27/94		PUBLIC	REGARDING POINT MUGU AND NCBC PORT HUENEME AND NFESC		RI			
0000000000000000	00000		ESTABLISHMENT OF A RAB.FORMATION OF RAB JUNE 28,1994					
0001	10.6							
NAWSPT 000247	07/26/96	NAWS POINT MUGU	JUNE 28, 1994 RAB OXNARD PLAIN MEETING MINUTES	ADMIN RECORD	MTG MINS	1,2,3,4,5, SOUTHWEST DIVISION		
LTR 06/28/94		COMMUNITY MEMBERS	AR-145		RAB	6,7,8,9,10		
0000000000000000	00000				RI	11		
0004	10.3							
NAWSPT 000260	07/26/96	MISSILE	NEWSPAPER ARTICLE "PUBLIC NOTICE ANNOUNCING THE	ADMIN RECORD	PUBNOT	1,2,3,4,5, SOUTHWEST DIVISION		
MISC 06/30/94		COMMUNITY MEMBERS	AVAILABILITY OF THE ADMINISTRATIVE RECORD FILE OR		RI	6,7,8,9,11		
0000000000000000	00000		REMEDIAL ACTIVITIES AT NAWA POINT MUGU " AR-160			10		
0001	10.4							
NAWSPT 000248	07/26/96	NAWS POINT MUGU	AUGUST 4, 1994 RAB OXNARD PLAIN MEETING MINUTES	ADMIN RECORD	MTG MINS	1,2,3,4,5, SOUTHWEST DIVISION		
LTR 08/04/94		COMMUNITY MEMBERS	AR-146		RI	6,7,8,9,11		
0000000000000000	00000							
0006	10.3							
NAWSPT 000294	07/29/96	STAR FREE PRESS	NAWSPT POINT MUGU NOTICE OF PUBLIC AVAILABILITY	ADMIN RECORD	ACTMEMO	5	SOUTHWEST DIVISION	
MISC 08/11/94		PUBLIC	REGARDING ACTION MEMORANDUM FOR THE EMERGENCY REMOVAL					
0000000000000000	00000		ACTION AT SITE 5 NAWA POINT MUGU CALIFORNIA					
0001	10.6							
NAWSPT 000295	07/29/96	LOS ANGELES TIMES	NAWSPT POINT MUGU NOTICE OF PUBLIC AVAILABILITY	ADMIN RECORD	ACTMEMO	5	SOUTHWEST DIVISION	
MISC 08/11/94		PUBLIC	REGARDING ACTION MEMORANDUM FOR THE EMERGENCY REMOVAL					
0000000000000000	00000		ACTION AT SITE 5 NAWA POINT MUGU CALIFORNIA					
0001	10.6							
NAWSPT 000296	07/29/96	MISSILE	NAWSPT POINT MUGU NOTICE OF PUBLIC AVAILABILITY	ADMIN RECORD		5	SOUTHWEST DIVISION	
MISC 08/18/94		PUBLIC	REGARDING NAWA POINT MUGU NAVY EXCAVATED APPROXIMATELY					
0000000000000000	00000		80 CUBIC YARDS OF METALS-CONTAMINATED SOIL-SITE 5-6/24					
0001	10.6							

[illegible]

NAWSPT MM 000000000000000 0003	000249 07/26/96 09/08/94 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	SEPTEMBER 8, 1994 OXNARD PLAIN MEETING MINUTES AR-147	ADMIN RECORD	MTG MINS RI		SOUTHWEST DIVISION
NAWSPT MM 000000000000000 0005	000250 07/26/96 10/06/94 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	OCTOBER 6, 1994 OXNARD PLAIN MEETING MINUTES AR-148	ADMIN RECORD	MTG MINS RI		SOUTHWEST DIVISION
NAWSPT MM 000000000000000 0006	000251 07/26/96 11/03/94 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	NOVEMBER 3, 1994 RAB OXNARD PLAIN MEETING MINUTES AR-149	ADMIN RECORD	MTG MINS RAB RI		SOUTHWEST DIVISION
NAWSPT MISC 000000000000000 0001	000284 07/28/96 11/03/94 00000 10.3	STAR FREE PRESS	NEWSPAPER ARTICLE "MUGU LAGOON SEDIMENT TARGET OF \$52 MILLION PLAN"	ADMIN RECORD	PUBNOT RI	1	SOUTHWEST DIVISION
NAWSPT LTR 000000000000000 0003	000246 07/26/96 11/23/94 00000 01.6	NPESC PORT HUENEME L. STAUSS EDISON COMPANY M. MONTOYA	ORIGINAL ANALYTICAL RESULTS SHOULD BE SENT TO DTSC T. BEKELE REGARDING THE NO FURTHER ACTION AT SITE 10 AR-144	ADMIN RECORD	DATA	10	SOUTHWEST DIVISION
NAWSPT RPT N6247493D2151 0300	000063 04/03/96 12/01/94 DO 12 02.0	IT CORPORATION J.M. WARREN EFA WEST SAN BRUNO	DRAFT IMPLEMENTATION REPORT EMERGENCY REMOVAL ACTION AT IR SITE 5 REVISION 0	ADMIN RECORD	RA	5	SOUTHWEST DIVISION
NAWSPT MM 000000000000000 0011	000252 07/26/96 12/07/94 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	DECEMBER 7, 1994 RAB OXNARD PLAIN MEETING MINUTES AR-150	ADMIN RECORD	MTG MINS RAB RI	1,2,3,4,5, 6,7,8,9,10 11	SOUTHWEST DIVISION
NAWSPT MISC 000000000000000 0001	000261 07/26/96 12/30/94 00000 10.4		CERTIFICATION OF PUBLICATION FOR PUBLIC NOTICE OF AVAILIBLTY OF THE ADMINISTRATIVE RECORD FILE OR REMEDIAL ACTIVITIES AT NAWS POINT MUGU " AR-159	ADMIN RECORD	PUBNOT RI	1,2,3,4,5, 6,7,8,9,11	SOUTHWEST DIVISION
NAWSPT MM 000000000000000 0027	000253 07/26/96 01/05/95 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	JANUARY 5, 1995 RAB OXNARD PLAIN MEETING MINUTES AR-151	ADMIN RECORD	MTG MINS RAB RI	1,2,3,4,5, 6,7,8,9,10 11	SOUTHWEST DIVISION
NAWSPT RPT N6247488D5086 0250	000001 08/11/95 01/06/95 00273 03.4	PRC ENVIRONMENTAL NAWS POINT MUGU	RI REPORT QUALITY CONTROL SUMMARY REPORT AND ADDENDUM VOLUME I OF V	ADMIN RECORD	RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION

NAWSPT POINT MUGU SITES 1 AND 4 ADMINISTRATIVE RECORD FILE INDEX

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NAWSPT 000002 RPT N6247488D5086 0450	08/11/95 01/06/95 00273 03.4	PRC ENVIRONMENTAL	RI REPORT QUALITY CONTROL SUMMARY REPORT AND ADDENDUM APPENDIX A DATA VALIDATION REPORT (PART I OF II)	ADMIN RECORD	RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION		
NAWSPT 000003 RPT N6247488D5086 0450	08/11/95 01/06/95 00273 03.4	PRC ENVIRONMENTAL	RI REPORT QUALITY CONTROL SUMMARY REPORT AND ADDENDUM APPENDIX A DATA VALIDATION REPORT (PART II OF II)	ADMIN RECORD	RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION		
NAWSPT 000004 RPT N6247488D5086 0450	08/11/95 01/06/95 00273 03.4	PRC ENVIRONMENTAL	RI REPORT QUALITY CONTROL SUMMARY REPORT AND ADDENDUM APPENDIX B VALIDATED ANALYTICAL DATA WATER RESULTS	ADMIN RECORD	RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION		
NAWSPT 000005 RPT N6247488D5086 0450	08/11/95 01/06/95 00273 03.4	PRC ENVIRONMENTAL	RI REPORT QUALITY CONTROL SUMMARY REPORT AND ADDENDUM APPENDIX C VALIDATED ANALYTICAL DATA SOIL RESULTS	ADMIN RECORD	RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION		
NAWSPT 000254 MM 0000000000000000 0045	07/26/96 02/02/95 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	FEBRUARY 2, 1995 RAB OXNARD PLAIN MEETING MINUTES AR-152	ADMIN RECORD	MTG MINS RAB RI	1,2,3,4,5, 6,7,8,9,10, 11	SOUTHWEST DIVISION		
NAWSPT 000255 MM 0000000000000000 0031	07/26/96 03/02/95 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	MARCH 2, 1995 RAB OXNARD PLAIN MEETING MINUTES AR-153	ADMIN RECORD	MTG MINS RI		SOUTHWEST DIVISION		
NAWSPT 000256 MM 0000000000000000 0060	07/26/96 04/06/95 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	APRIL 6, 1995 RAB OXNARD PLAIN MEETING MINUTES AR-154	ADMIN RECORD	MTG MINS RAB RI	1,2,3,4,5, 6,7,8,9,11	SOUTHWEST DIVISION		
NAWSPT 000117 LTR 0000000000000000 0014	07/25/96 04/24/95 00000 03.6	NFESC POINT HUENEME L. STAUSS FISH AND GAME M. MARTIN	NEXT NAWS POINT MUGU RI WORKING MEETING SCHEDULED FOR MAY 11, 1995.	ADMIN RECORD	RI		SOUTHWEST DIVISION		
NAWSPT 000010 PLAN N6247488D5086 0350	08/11/95 05/01/95 00273 01.2	PRC ENVIRONMENTAL	SITE INSPECTION REPORT SITE 3 FUEL FARM PHASE III	ADMIN RECORD	SI	3	SOUTHWEST DIVISION		
NAWSPT 000011 PLAN N6247488D5086 0450	08/11/95 05/01/95 00278 01.1	PRC ENVIRONMENTAL	DRAFT BIOLOGICAL QUALITY CONTROL SUMMARY REPORT	ADMIN RECORD	QC RI	1,2,4,5,6, 8,9,11	SOUTHWEST DIVISION		

NAWSPT POINT MUGU SITES 1 AND 4 ADMINISTRATIVE RECORD FILE INDEX

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NAWSPT 000257 MM 0000000000000000 0009	07/26/96 05/04/95 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	MAY 4, 1995 RAB OXNARD PLAIN MEETING MINUTES AR-155		ADMIN RECORD	MTG MINS RAB RI			SOUTHWEST DIVISION
NAWSPT 000064 RPT N6247488D5086 0020	04/03/96 05/30/95 00273 02.0	PRC ENVIRONMENTAL EPA WEST SAN BRUNO	DRAFT ON-SCENCE COORDINATOR'S REPORT EMERGENCY REMOVAL ACTION SITE 5 APPENDICES VOLUME II TEXT, FIGURES, TABLE		ADMIN RECORD	RA RI	5		SOUTHWEST DIVISION
NAWSPT 000028 RPT N6247488D5086 0600	09/29/95 06/01/95 00278 09.3	PRC ENVIRONMENTAL NAWS POINT MUGU	DRAFT QUALITY CONTROL SUMMARY REPORT ECOLOGICAL ASSESSMENT REPORT		ADMIN RECORD	QA RI	1,2,4,5,6, 8,9,11		SOUTHWEST DIVISION
NAWSPT 000258 MM 0000000000000000 0026	07/26/96 06/01/95 00000 10.3	NAWS POINT MUGU COMMUNITY MEMBERS	JUNE 1, 1995 RAB OXNARD PLAIN MEETING MINUTES AR-156		ADMIN RECORD	MTG MINS RAB RI			SOUTHWEST DIVISION
NAWSPT 000118 MM 0000000000000000 0001	07/25/96 07/06/95 00000 01.1	RESTORATION BOARD MEMBERS	RESTORATION ADVISORY BOARD AGENDA DTD JULY 6, 1995 ORENE CARPENTER COMMUNITY CENTER, PORT HUENEME		ADMIN RECORD	RI			SOUTHWEST DIVISION
NAWSPT 000029 LTR 0000000000000000 0001	10/02/95 08/28/95 00000 01.6	NAWS POINT MUGU V. GOO SOUTHWEST DIVISION CODE 1822	REQUEST FOR FINAL LEAD AND COPPER SAMPLING FOR THE WATER SYSTEMS LOCATED AT NAWS AND SAN NICOLAS ISLAND		ADMIN RECORD	WATER			SOUTHWEST DIVISION
NAWSPT 000053 PLAN N6871193D1459 1000	11/17/95 09/01/95 DO 29 03.3	OHM REMEDIATION M. GARANT SOUTHWEST DIVISION	DRAFT SITE WORK PLAN SITE CLEANUP AT 14 FORMER UST SITES		ADMIN RECORD	UST			SOUTHWEST DIVISION
NAWSPT 000051 PLAN N6871193D1459 1000	11/02/95 10/01/95 DO 29 01.1	OHM REMEDIATION S.H. BORNHOFT SOUTHWEST DIVISION	DRAFT SITE WORK PLAN FOR SITE CLEANUP AT SITE 14 FORMER UST SITES		ADMIN RECORD	UST AC	14		SOUTHWEST DIVISION
NAWSPT 000054 PLAN N6871193D1459 1000	11/17/95 10/01/95 DO 29 03.3	OHM REMEDIATION M. GARANT SOUTHWEST DIVISION	DRAFT SITE WORK PLAN SITE CLEANUP AT 14 FORMER UST SITES		ADMIN RECORD	UST			SOUTHWEST DIVISION
NAWSPT 000119 LTR 0000000000000000 0005	07/25/96 11/07/95 00000 10.0	NFECED SAN DIEGO DTSC LONG BEACH T. BEKELE	MINUTES OF OCTOBER 31, 1995 HELD IN LONG BEACH ARE FORWARDED AS ENCLOSURE. CC: M. GARANT, E. KWONG, C. DOBREI, G. SMALL, AND J. GEROCH		ADMIN RECORD	MTG MINS			SOUTHWEST DIVISION

NAWSPT POINT MUGU SITES 1 AND 4 ADMINISTRATIVE RECORD FILE INDEX

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NAWSPT 000144 LTR 0000000000000000 0002	07/25/96 03/13/96 00000 04.5	SOUTHWEST DIVISION DTSC LONG BEACH T. BEKELE	REQUEST THAT DTSC AS LEAD AGENCY IDENTIFY ARARs AT IR SITE 1 AND 11 FOR REMOVAL ACTION		ADMIN RECORD	ARAR RI	1,11	SOUTHWEST DIVISION
NAWSPT 000071 LTR 0000000000000000 0025	07/25/96 05/28/96 00000 01.6	SOUTHWEST DIVISION D. DAWSON DTSC LONG BEACH T. BEKELE	TO FOLLOW UP TO LETTER OF MARCH 13, 1996. ENCLOSURE IS WORKING DRAFT COPY OF THE BACKGROUND ON SITES 1 & 4 RI/FS AT PT. MUGU AND MEMO REGARDING SITES 1,4,7,9,&11		ADMIN RECORD	ARAR RI	1,4,7,9,11	SOUTHWEST DIVISION
NAWSPT 000072 DATA 0000000000000000 0500	07/25/96 06/01/96 00000 03.0	NAWS POINT MUGU SOUTHWEST DIVISION D. DAWSON	PHASE I R/I TECHNICAL MEMORANDUM CHAPTERS 5 & 7 PRELIMINARY DRAFT		ADMIN RECORD	RI	1,2,3,4,5 6,7,9,11	SOUTHWEST DIVISION
NAWSPT 000286 MISC 0000000000000000 0002	07/28/96 06/01/96 00000 10.4	NAWS POINT MUGU COMMUNITY MEMBERS	FACT SHEET #2 MAIN BASE "PROPOSED REMOVAL ACTIONS FOR IRP SITES 1 AND 4 AT NAWS POINT MUGU"		ADMIN RECORD	PUBNOT RI	1,4,	SOUTHWEST DIVISION
NAWSPT 000070 LTR 0000000000000000 0001	07/25/96 06/07/96 00000 01.6	CRWQCB LOS ANGELES J.E. ROSS DTSC LONG BEACH T. BEKELE	LOCATION OF GROUNDWATER PRODUCTION WELLS AT POINT MUGU		ADMIN RECORD	GW RI	1,2,3,4,5 6,7,9,11	SOUTHWEST DIVISION
NAWSPT 000142 MM 0000000000000000 0023	07/25/96 06/25/96 DO 78 10.5	NAWS PORT HUENEME DISTRIBUTION	JUNE 25 1996, MEETING NOTES ON REGULATORY REVIEW FOR REMOVAL ACTIONS AT SITES 1,4,7,9 & 11		ADMIN RECORD	MTG MINS RI	1,4,7,9,11	SOUTHWEST DIVISION
NAWSPT 000341 MISC 0000000000000000 0002	07/31/96 07/01/96 00000 10.0	NAWS POINT MUGU COMMUNITY MEMBERS	FACT SHEET #2 "POINT MUGU MAIN BASE FACT SHEET #2 PROPOSED REMOVAL ACTIONS FOR IR SITES 1 AND 4"		ADMIN RECORD	REMOVAL RI	1,4	SOUTHWEST DIVISION
NAWSPT 000145 LTR 0000000000000000 0041	07/25/96 07/18/96 00000 04.5	DTSC LONG BEACH T. BEKELE SOUTHWEST DIVISION D. DAWSON	RESPONSE TO MAY 28, 1996 LTR REQUESTING DTSC TO IDENTIFY ARARs FOR REMOVAL ACTION AT SITES 1,4,7,9 & 11 (DTSC, STATE, & LOCAL AGENCIES) (REF DOC #000071)		ADMIN RECORD	ARAR RESPONSE RI	1,4,7,9,11	SOUTHWEST DIVISION
NAWSPT 000300 LTR 0000000000000000 0006	07/30/96 07/23/96 00000 02.0	NAVY SAN DIEGO D. DAWSON VARIOUS AGENCIES	FOR REVIEW AND COMMENT COPY OF DRAFT WORK PLAN FOR REMOVAL ACTIONS AT INSTALLATION RESTORATION PROGRAM SITES,1,4,7,9,&11 PT.MUGU,7/96.REF.DOC.#000278		ADMIN RECORD	RI	1,4,7,9,11	SOUTHWEST DIVISION
NAWSPT 000278 PLAN N6871193D1459 1000	07/28/96 07/25/96 DO 78 03.3	OHM REMEDIATION M. GARANT SOUTHWEST DIVISION	DRAFT FINAL WORK PLAN REMOVAL ACTION AT IRP SITES 1, 4, 7, 9 & 11		ADMIN RECORD	RA RI	1,4,7,9,11	SOUTHWEST DIVISION

TOTAL RECORDS PRINTED: 340

REPORT SPECIFICATION FOR: RPT068

TITLE: NAWSPPT POINT MUGU SITES 1 AND 4 ADMINISTRATIVE RECORD FILE INDEX

FILE: Central Activity File Documents

SELECTION CRITERIA:

[01] Process Dt TO "960731" & UIC.No. IS "NAWSPT "

SORT CRITERIA:

01 Doc. Date

PAGE BREAK LEVEL:

00 NO PAGEBREAK

TYPE REPORT FORM

PAPER MASTER ACTIVITY FILE (with Key/Add Info)

APPENDIX B
STATE ARARs LISTS



Cal/EPA

Department of
Toxic Substances
Control

245 West Broadway,
Suite 425
Long Beach, CA
90802-4444

FILE

July 18, 1996

DS00014244 0273 5.05
07/18/1996
APPLICABLE OR



Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Mr. David Dawson
DEPARTMENT OF THE NAVY
Southwest Division
Naval Facilities Engineering Command
Environmental Division
1220 Pacific Highway, Room 18
San Diego, California 92132-5181

**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
FOR NAVAL AIR WEAPON STATION, POINT MUGU, CALIFORNIA**

Dear Mr. Dawson:

We have received your letter of May 28, 1996, requesting the Department of Toxic Substances (DTSC) to provide you with the California applicable or relevant and appropriate requirements (ARARs) for removal actions at Installation Restoration Program Sites 1, 4, 7, 9, and 11.

Enclosed are the DTSC's and other state and local agencies' ARARs for the subject sites along with our letter to the agencies that the DTSC had contacted. In addition to the California ARARs, the Federal ARARs need to be identified by the Navy and included in the removal action documents. The removal action documents should include sufficient details of the thermal desorption and other proposed alternatives that will allow evaluation for compliance with regulatory requirements.

Please note that the ARARs provided here are identified based on the information we have to date about the sites and on the proposed removal action alternatives. In the event that you seriously consider different alternatives and/or additional information become available, you should request the State for additional ARARs.

Pmugu\arar\tr.2



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Mr. David Dawson
July 18, 1996
Page 2

Please contact me at (310) 590-4981 if you have any questions concerning this matter.

Sincerely,



Tizita Bekele
Hazardous Substance Engineer
Federal Facilities Unit "A"
Office of Military Facilities

Enclosures (6)

cc: Mr. John Geroch
Regional Water Quality Control Board
Region 4
101 Centre Plaza Dr.
Monterey Park, California 91754-2156

Department of Toxic Substances Control
ARARs

CHEMICAL NAME	REQUIREMENTS		CITATION	DESCRIPTION	APPLICABLE/ RELEVANT & APPROPRIATE
Inorganic Chemicals	<u>STLC (mg/L)</u>	<u>TTLC (mg/Kg)</u>	22 CCR 66261.24	Criteria for identifying a waste as hazardous - if the waste contains a substance at a concentration which equals or exceeds its listed STLC value as determined by Waste Extraction Test, or at a concentration that equals or exceeds its TTLC value, then it is considered hazardous and must comply with all the requirements that hazardous wastes are subject to.	yes/yes
Antimony	15	500			
Arsenic and/or compounds	5.0	500			
Asbestos		1.0 (as percent)			
Barium and/or compounds	100	10,000			
Beryllium and/or compounds	0.75	75			
Cadmium and/or compounds	1.0	100			
Chromium (VI) compounds	5	500			
Chromium and/or chromium (III) compounds	5	2,500			
Copper and/or compounds	25	2,500			
Fluoride salts	180	18,000			
Lead and/or compounds	5.0	1,000			
Mercury and/or compounds	0.2	20			
Molybdenum and/or compounds	350	3,500			
Nickel and/or compounds	20	2,000			
Selenium and/or compounds	1.0	100			
Silver and/or compounds	5	500			
Thallium and/or compounds	7.0	700			
Vanadium and/or compounds	24	2,400			
Zinc and/or compounds	250	5,000			

Department of Toxic Substances Control
ARARs

Organic Chemicals	STLC (mg/L)	TTLC (mg/Kg)	22 CCR 66261.24	Criteria for identifying a waste as hazardous - if the waste contains a substance at a concentration which equals or exceeds its listed STLC value as determined by Waste Extraction Test, or at a concentration that equals or exceeds its TTLC value, then it is considered hazardous and must comply with all the requirements that hazardous wastes are subject to.	Yes/Yes
Aldrin	0.14	1.4			
Chlordane	0.25	2.5			
DDT, DDE, DDD	0.1	1.0			
2,4-Dichlorophenoxyacetic acid	10	100			
Dieldrin	0.8	8.0			
Dioxin (2,3,7,8-TCDD)	0.001	0.01			
Endrin	0.02	0.2			
Heptachlor	0.47	4.7			
Kepone	2.1	21			
Lead compounds, organic		13			
Lindane	0.4	4.0			
Methoxychlor	10	100			
Mirex	2.1	21			
Pentachlorophenol	1.7	17			
Polychlorinated biphenyls (PCBs)	5.0	50			
Toxaphene	0.5	5			
Trichloroethylene	204	2040			
2,4,5- Trichlorophenoxypropionic acid	1.0	10			

Department of Toxic Substances Control
ARARs

ACTION/ TECHNOLOGY	REQUIREMENT	CITATION	DESCRIPTION	APPLICABLE/ RELEVANT & APPROPRIATE
Storage of hazardous waste on-site	Limits accumulation time of hazardous waste to 90 days unless an exemption is granted	22 CCR 66262.34	Standards applicable to Generators of Hazardous Waste	Yes/Yes
Off-site Disposal of Hazardous Waste	Applicability, manifest, pretransport requirements, recordkeeping and reporting, and export of hazardous waste	Title 22, Ch 12 Articles 1-5, Sections 66262.10 - 66262.57	Standards applicable to Generators of Hazardous Waste	Yes/Yes
Off-Site Transportation of Hazardous Waste	General requirements, compliance with manifest system and recordkeeping, discharges and exemptions	Title 22, Ch 13, Articles 1-4, Sections 66263.10 - 66263.46	Standards applicable to Transporters of Hazardous Waste	Yes/Yes
Management of Hazardous Waste at Transfer, Treatment, Storage and Disposal Facilities	General Requirements, facility standards, preparedness and prevention, contingency plan and emergency procedures, manifest system, recordkeeping, and reporting, water quality monitoring	Title 22, Ch 14, Articles 1 - 8, Sections 66264.1 - 66264.148	Standards for Owners and Operators of Hazardous Waste Transfer, Treatment, Storage, and Disposal Facilities	Yes/Yes

Department of Toxic Substances Control
ARARs

ACTION/ TECHNOLOGY	REQUIREMENT	CITATION	DESCRIPTION	APPLICABLE/ RELEVANT & APPROPRIATE
Management of Hazardous Waste Containers	Use and management, compatibility of waste with container, inspections, containment, special requirements	Title 22, Div 4.5, Ch 14, Articles 9, Sections 66264.170 - 66264.178	Owners and operators of all hazardous waste facilities that transfer or store containers of hazardous waste	Yes/Yes
Tank System	Assessing Integrity, Design and Installation, Containment and Detection of Releases, Operating Requirements, Inspections, Response to Leaks or Spills, Closure and Post-Closure, Special Requirements	Title 22, Div 4.5, Ch 14, Articles 10 Sections 66264.190 - 66264.199	For Transfer, storage or Treatment of hazardous waste	Yes/Yes
Surface Impoundments	Applicability, Design and Operating Requirements, Monitoring and Inspection, Emergency Repairs; Contingency Plans, Closure and Post-Closure, Special Requirements	Title 22, Div 4.5, Ch 14, Article 11, Sections 66264.220 - 66264.231	For treatment, storage or disposal of hazardous waste	Yes/Yes

Department of Toxic Substances Control
ARARs

ACTION/ TECHNOLOGY	REQUIREMENT	CITATION	DESCRIPTION	APPLICABLE/ RELEVANT & APPROPRIATE
Waste Piles	Applicability, Design and Operating Requirements, Monitoring and Inspection, Closure and Post-Closure, Special Requirements	Title 22, Div 4.5, Ch 14, Article 12, Sections 66264.250 - 66264.259	To store or treat Hazardous Waste	Yes/Yes
Land Treatment	Applicability, Treatment Program and Demonstration, Design and Operating Requirements, Record keeping, Closure and Post-Closure, Special Requirements	Title 22, Div 4.5, Ch 14, Article 13, Sections 66264.270 - 66264.283	To treat or dispose of Hazardous Waste	Yes/Yes
Landfill Residual Repositories	Applicability, Design and Operating Requirements, Monitoring and Inspection, Surveying and Recordkeeping, Closure and Post-Closure, Special Requirements	Title 22, Div 4.5, Ch 14, Articles 14 and 14.5, Sections 66264.300 - 66264.321	Disposal of Hazardous Waste	Yes/Yes

Department of Toxic Substances Control
ARARs

ACTION/ TECHNOLOGY	REQUIREMENT	CITATION	DESCRIPTION	APPLICABLE/ RELEVANT & APPROPRIATE
Land Disposal Restrictions RCRA Wastes	General applicability, dilution prohibited, case-by-case extensions to effective date, waste analysis and record-keeping, and special rules for wastes that exhibit a characteristic	Title 22, Div 4.5, Ch 18, Article 1	Defines hazardous wastes that are restricted from land disposal and prohibited waste that may be land disposed	Yes/Yes
Land Disposal Prohibitions Non-RCRA Wastes	Waste Specific Prohibitions	Title 22, Div 4.5, Ch 18, Article 10, Section 66268.100	Identifies Non-RCRA Waste that are subject to land disposal prohibitions	Yes/Yes
Land Disposal Non-RCRA Waste	A restricted waste may be land disposed without further treatment if an extract of the waste or treatment residue of the waste does not exceed the value listed in Table I-CCWE of section 66268.106	Title 22, Div 4.5, Ch 18, Article 11	Treatment Standards expressed as concentrations in Waste Extract	Yes/Yes

Department of Toxic Substances Control
ARARs

ACTION/ TECHNOLOGY	REQUIREMENT	CITATION	DESCRIPTION	APPLICABLE/ RELEVANT & APPROPRIATE
Disposal of Extremely Hazardous Waste	Disposal Permit/Fees Required	Title 22, Div 4.5, Ch 43, Health & Safety Code 25205.7 (o)	For disposal of extremely hazardous waste in California	Yes/Yes
Transportable Treatment Units and Fixed Treatment Units	Permit requirements, permit by rule, liability, financial and corrective action requirements	Title 22, Div 4.5, Ch 45	Permit requirements for treatment of hazardous wastes using a TTU or FTU	Yes/Yes
Incineration	Required of Hazardous Waste which: 1) has a heating value of more than 3000 BTU per pound of waste material; 2) contain more than one percent by weight of volatile organic compounds 3) is a liquid with a PCB concentration greater than 5 ppm	22 CCR 66268.120 22 CCR 66268.121 22 CCR 66268.110	Applies to any person who, after January 1, 1990, disposes of hazardous waste	Yes/Yes

Department of Toxic Substances Control
ARARs

ACTION/ TECHNOLOGY	REQUIREMENT	CITATION	DESCRIPTION	APPLICABLE/ RELEVANT & APPROPRIATE
California Environmental Quality Act	Develop and maintain a high quality environment and take all actions necessary to protect, rehabilitate and enhance the environmental quality of the state. Requires either Environmental Impact Reports or Negative Declarations for cleanups, Interim Remedial Measures and occasionally, portions of Remedial Investigations and Feasibility Studies.	Public Resources Code, Div. 13, Section 21000 et. seq. 14 CAC, Div. 1, Part 3, Ch 4, Section 750 et seq. 14 CAC, Div. 6, Ch 3, Section 15000 et seq. 22 CAC, Div. 4, Ch 2, Section 60100 et seq. 23 CAC, Ch 4, Subchapter 15, Section 3720 et seq.	Requires compliance with all of California's environmental laws	Yes/Yes
Occupational Health and Safety Act	Specific requirements that employers must meet to ensure the safety of their employees	California Health and Safety Code, Div 5, Section 6300 et seq.	Assures safe and healthy working conditions	To Be Considered

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
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June 17, 1996

Tizita Bekele
Department of Toxic Substances Control
Site Mitigation Branch
245 W. Broadway, Suite 425
Long Beach, CA 90802-4444

**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) FOR
POINT MUGU NAVAL AIR WEAPONS STATION, POINT MUGU, CALIFORNIA (FILE
NO. 94-29)**

As requested, we are providing the following Los Angeles Regional Water Quality Control Board's ARARS for the site referenced above.

1. Porter-Cologne Water Quality Control Act, which includes:
 - a. Water Quality Control Plan (Basin Plan),
 - b. Inland Surface Waters Plan,
 - c. Enclosed Bays and Estuaries Plan, and
 - d. Thermal Plan.
2. Toxic Pits Cleanup Act of 1984 (TPCA).
3. Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)
4. Title 23 of the California Code of Regulations (CCR), which includes:
 - a. Chapter 15, "Discharges of Waste to Land,"
 - b. Chapter 16, "Underground Storage Tanks Regulations."
5. Solid Waste Assessment Test (SWAT) Program.
6. State Water Resources Control Board Resolution No. 92-49 "Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304."

Please contact Mr. John Geroch at (213) 266-7577 if you have any questions.

A handwritten signature in dark ink, appearing to read "J.E. Ross", is written over the typed name.

for J.E. ROSS, Chief
Site Cleanup Unit

Memorandum

To : Ms. Tizita Bekele
California Environmental Protection Agency
Department of Toxic Substances Control
245 W. Broadway, Suite 350
Long Beach, California 90802

Date : July 12, 1996

From : Department of Fish and Game

Subject : Applicable or Relevant and Appropriate Requirements (ARARs) for Sites 1, 4, 7, 9, and 11 - at Naval Air Weapons Station, Point Mugu, California (5920/60140/NTX 057 00:10)

This memorandum is in response to your resource planning form dated June 7, 1996, to the Department of Fish and Game, Monterey, requesting potential State location specific ARARs for Sites 1, 4, 7, 9 and 11 at Naval Air Weapons Station (NAWS), Point Mugu, California. The Department of Fish and Game (DFG) appreciates your request for providing State laws and regulations to guide the proposed removal actions at the above listed sites.

As the lead State agency for toxic cleanup, you are making an inquiry to DFG for purposes of coordination and definition of appropriate State cleanup requirements under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as a portion of the RI/FS process. This letter will also serve to advise you of DFG's interest in coordinating any natural resource issues as one of the designated State natural resource trustees, which may be necessary should the release(s) of any hazardous materials at the subject sites affect State natural resources, pursuant to CERCLA.

Based upon information obtained on Sites 1, 4, 7, 9, and 11 (Preliminary Draft Work Plan, 75% Submittal, Removal Action at Installation Restoration Program Sites 1, 4, 7, 9, and 11 at Naval Air Weapons Station, Point Mugu, dated June, 1996) and a site inspection of Sites 1, 4, and 11 (partial) on June 26, 1996, DFG staff has identified potential areas and actions that could affect State fish and wildlife resources.

Listed in the enclosed table are the Fish and Game Code sections that are possible State location-specific ARARs or "to be considered" (TBCs). The specific citation and explanation for each listed ARAR and TBC are included.

Thank you for the opportunity to comment upon the ARARs request. If you have any questions regarding this memorandum or need additional information, please contact Ms. Patricia Velez, Senior Biologist, Military Facilities Team, California Department of Fish and Game, 20 Lower Ragsdale Drive, Suite 100, Monterey, California, 93940 or by telephone at (408) 649-2876.



Patricia Velez
Senior Biologist
NAWS-Point Mugu, Program Manager

Enclosure: 3 pages

cc: See next page.

Ms. Tizita Bekele

July 12, 1996

Page 2

cc: Department of Fish and Game

Dr. Michael Martin
Monterey

Mr. John Turner
Sacramento

Ms. Ann Malcolm
Sacramento

Ms. Jennifer Decker
Sacramento

LOCATION SPECIFIC ARARs AND TBCs - NAWS, POINT MUGU (SITES 1, 4, 7, 9, & 11)

LOCATION	STANDARD	SPECIFIC CITATION	ARAR/TBC EXPLANATION
Aquatic and Wildlife species/habitats	Action may be taken to collect damages for the taking of birds, mammals, fishes, reptiles or amphibians.	Fish & Game Code section 2014	This code section declares that it is policy of the state to conserve its natural resources. It allows the state to recover damages in a civil action against any person or local agency which unlawfully or negligently takes or destroys any bird, mammal, fish, reptile or amphibian protected by the laws of the state. This section should be included as an ARAR.
Endangered Species	Action must be taken to conserve endangered species, there can be no releases and/or actions that would have a deleterious effect on species or habitat.	Fish & Game Code section 2080	This section prohibits the taking, importation or sale of any species, or any part thereof, of an endangered species or a threatened species. This section should be included as an ARAR.
Rare native plants	Action must be taken to conserve native plants, there can be no releases and/or actions that would have a deleterious effect on species or habitat.	Fish & Game Code sections 2080 and 1900 <i>et seq.</i>	These code sections make provisions concerning native plant protection, including: criteria for determining endangered plant species; designation of endangered plants by the Fish and Game Commission; research by the Dept.; takings by the Dept. for scientific propagation purposes; other prohibitions on takings; exercise of enforcement authority; arrests and confiscation; carrying out of plant conservation programs by other state departments and agencies; an unauthorized public agency regulations pertaining to agriculture. Sections 1900, 1901, 1904, 1905, 1906, 1907, 1909, 1910, 1911, 1912, and 1913 are procedural and administrative in nature and do not impose any substantive requirements. Section 1908 imposes a substantive requirement for forbidding any "person" to take rare or endangered native plants. If rare or endangered plants are present, then sections 2080 and 1908 should be included as ARARs, and the other sections are TBCs.

LOCATION SPECIFIC ARARs AND TBCs - NAWs, POINT MUGU (SITES 1, 4, 7, 9, & 11)

LOCATION	STANDARD	SPECIFIC CITATION	ARAR/TBC EXPLANATION
Wildlife species/habitats	Action must be taken for the general protection and conservation of fish and wildlife resources.	Fish & Game Code section 1600	This code section declares the protection and conservation of fish and wildlife to be an important public interest. This section is a general statement of policy that does not impose a substantive requirement. This section should be included as a TBC.
Endangered Species	Action must be taken to conserve endangered species, there can be no releases and/or actions that would have a deleterious effect on species or habitat.	Fish & Game Code sections 2090-2096	These code sections comprise article 4 of chapter 1.5 of the California Endangered Species Act. These sections make provisions concerning Department coordination and consultation with state and federal agencies and with project applicants. These sections do not impose substantive requirements. These sections should be included as TBCs.
Wildlife Species	Action must be taken to prohibit the taking of birds and mammals, including taking by poison.	Fish & Game Code section 3005	This code section prohibits the taking of birds and mammals, including taking by poison. "Taking" is defined by Fish and Game Code section 86 to include killing. "Poison" is not defined in the code but contaminants of concern (heavy metals, herbicides and pesticides) are all poisons by definition. Federal law recognizes that poison may effect an incidental taking. (Defenders of Wildlife v. Administrator, Environmental Protection Agency (1989) 882 F.2d 1295.) This code section imposes a substantive, promulgated environmental protection requirement. Bird and mammal fatalities are not impossible under the circumstances at these sites, particularly if stockpiling results in increased concentrations of contaminants. This section should be included as an ARAR.

LOCATION SPECIFIC ARARs AND TBCs - NAWs, POINT MUGU (SITES 1, 4, 7, 9, & 11)

LOCATION	STANDARD	SPECIFIC CITATION	ARAR/TBC EXPLANATION
Aquatic habitat/species	Action must be taken if toxic materials are placed where they can enter waters of the State. There can be no releases that would have a deleterious effect on species or habitat.	Fish & Game Code sections 5650 (a), (b) & (f)	<p>These code sections prohibit the deposition into State waters of, <i>inter alia</i>, petroleum products [Section 5650 (a)], factory refuse [Section 5650 (b)], and any substance deleterious to fish, plants or birds [Section 5650 (f)]. These are substantive promulgated environmental protection requirements. These requirements impose strict criminal liability on violators. [People v. Chevron Chemical Company (1983) 143 Cal.App.3d 50.]. This imposition of strict criminal liability imposes a standard that is more stringent than Federal law. The extent to which each subdivision of Section 5650 is relevant and appropriate depends on site specific conditions or details.</p> <p>There is also a scientific/technical reason for inclusion of Section 5650 as a potential location specific ARAR. State and Federal water quality control standards are generally developed, utilizing data, information, and guidance from numerous sources. Federal water quality criteria may allow higher concentrations of chemicals for limited time periods, which can result in conditions which are deleterious to State fish, plants, or birds.</p>
Wetlands	Actions must be taken to assure that there is "no net loss" of wetlands acreage or habitat value. Action must be taken to preserve, protect, restore and enhance California's wetland acreage and habitat values.	Fish and Game Commission Wetlands Policy (adopted 1987) included in Fish and Game Code Addenda	This policy seeks to provide for the protection, preservation, restoration, enhancement and expansion of wetland habitat in California. Further, it opposes any development or conversion of wetland which would result in a reduction of wetland acreage or habitat value. It adopts the USFWS definition of a wetland which utilizes hydric soils, saturation or inundation, and vegetable criteria, and requires the presence of at least one of these criteria (rather than all three) in order to classify an area as a wetland. This policy is not a regulatory program and should be included as a TBC.



Cal/EPA

California
Environmental
Protection
Agency

Integrated
Waste
Management
Board

3800 Cal Center Dr.
Sacramento CA 95826
(916) 255-2300



Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

June 25, 1996

Ms. Tizita Bekele
Department of Toxic Substances Control
Region No. 4. Base Closure Unit
245 West Broadway, Suite 425
Long Beach, CA 90802-4444

Subject: Applicable or Relevant and Appropriate Requirements for Naval
Air Weapon Station, Point Magu, California.

Dear Ms. Bekele :

This letter is in response to your solicitation for State Applicable or Relevant and Appropriate Requirements (ARARs), received on June 12, 1996. Based on a review of the site descriptions provided with your June 12, 1996, letter it does not appear that Sites 4 (Public Works Storage Yard), 7 (Electric Substation 680), 9 (Main Base Fire Training Area), or 11 (Magu Lagoon) meet the criteria for solid waste disposal sites and therefore do not fall under the jurisdiction of the CIWMB. According to the site description it appears that Site 1 (Lagoon Landfill) meets the definition of Solid Waste Disposal Site pursuant to Public Resources Code Section 40122; therefore, Site 1 is subject to the Minimum Standards for Solid Waste Handling and Disposal. A general description of these ARARs is provide below.

The California Integrated Waste Management Board (CIWMB) has the following statutory and regulatory authority:

- ▶ Statutory authority: The Integrated Waste Act of 1989, as embodied in Public Resources Code Section 40000 *et seq.*
- ▶ Regulatory authority: Title 14, California Code of Regulations, Division 7 California Integrated Waste Management Board.

Pursuant to Public Resources Code Sections 43021 and 43509 the CIWMB has adopted regulations that include substantive standards for the design, operation, maintenance, closure, and ultimate reuse of solid waste disposal sites. These



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State ARARs for Solid Waste Disposal Site Closure and Postclosure Maintenance

Source	Standard, Requirement, Criterion, or Limitation	ARAR Status	Description	Comment	Associated Site
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17766 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Emergency Response Plan (ERP) potential emergency conditions that may exceed the design of the site and could endanger the public health or environment must be anticipated. Response procedures for these conditions must be addressed in the RIMRA plans.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17767 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Security at Closed Sites all points of access to the site must be restricted, except permitted entry points. All monitoring, control, and recovery systems shall be protected from unauthorized access.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17773 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Final Cover the design and construction of the final cover must meet specific prescriptive standards of 23 CCR 2581(a). These include minimum thickness and quality of the construction material. If the prescriptive standard is not feasible then an engineered alternative that meets the performance goals (i.e. limiting infiltration, controlling gas emissions, compatibility with reuse) can be proposed.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17774 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Construction Quality Assurance (CQA) a CQA program must be designed and implemented. It must include specific parameters (and for some components specific testing methods) for each component of the final cover.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17776 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Final Grades the final grades for the covered landfill must meet grading standards provided in 23 CCR 2581, they must be appropriate to control runoff and erosion.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17777 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Final Site Face the design of the final site face must provide for the integrity of the final cover both under static and dynamic conditions.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17778 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Final Drainage the design of the final cover must control runoff and runoff produced by a 100 year 24 hour storm event and must be prepared according to CQA requirements.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 43020	14 CCR 17779 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Slope Protection and Erosion Control the design and construction of the slopes must protect the integrity of the final cover and minimize soil erosion.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8. Scope and Applicability pursuant to 14 CCR 17760.	For closing sites

State ARARs for Solid Waste Disposal Site Closure and Postclosure Maintenance

Source	Standard, Requirement, Criterion, or Limitation	ARAR Status	Description	Comment	Associated Site
California Integrated Waste Management Act of 1989 PRC 40502 & 41020	14 CCR 17781 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Leachate Control During Closure and Post Closure - leachate must be monitored, collected, treated, and discarded appropriately	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8 Scope and Applicability pursuant to 14 CCR 17760. The state does not intend that subsurface leachate monitoring and collecting systems need to be added to existing landfills unless leachate production and/or accumulation is evident.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 41020	14 CCR 17783 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Gas Monitoring and Control During Closure and Post Closure - landfill gases must be collected and analyzed, the concentration of combustible gas at the landfill boundary must be 5% or less, trace gases must not be at levels that cause adverse health or environmental impacts	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8 Scope and Applicability pursuant to 14 CCR 17760	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 41020	14 CCR 17788 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Post Closure Maintenance - the landfill must be maintained and monitored for no less than 30 years following closure	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8 Scope and Applicability pursuant to 14 CCR 17760	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 41020	14 CCR 17796 Chapter 3, Article 7.8 Disposal Site Closure and Postclosure Maintenance	Applicable	Post Closure Land Use - Site Closure Design shall show one or more proposed uses of the closed site or show development that is compatible with open space. Changes in postclosure land use must be approved by the appropriate State agency prior to implementation.	Closure or Postclosure Maintenance Standard of Title 14, CCR, Chapter 3, Article 7.8 Scope and Applicability pursuant to 14 CCR 17760	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 41509	14 CCR 18161.3 Chapter 5, Article 3.4 Closure and Postclosure Maintenance Plans	Relevant and Appropriate	Provides the content requirements for closure plans for solid waste disposal sites	Applies to solid waste disposal sites that received waste after January 1, 1988. Relevant and appropriate for closing sites that did not receive waste after January 1, 1988.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 41509	14 CCR 18163.3 Chapter 5, Article 3.4 Closure and Postclosure Maintenance Plans	Relevant and Appropriate	Provides the content requirements for postclosure maintenance plans for solid waste disposal sites	Applies to solid waste disposal sites that received waste after January 1, 1988. Relevant and appropriate for closing sites that did not receive waste after January 1, 1988.	For closing sites
California Integrated Waste Management Act of 1989 PRC 40502 & 41509	14 CCR 18175 Chapter 5, Article 3.4 Postclosure Maintenance Plans	Relevant and Appropriate	Provides the content requirements to obtain certification that the solid waste disposal sites has closed pursuant to state standards	Applies to solid waste disposal sites that received waste after January 1, 1988. Relevant and appropriate for closing sites that did not receive waste after January 1, 1988.	For closing sites

14 CCR - California Code of Regulations, Title 14

ARAR - applicable to relevant and appropriate requirement

RCD - Record of Decision

RIMRA - remedial design/remedial action

State ARARs for Solid Waste Disposal Site Excavation and Consolidation

Source	Standard, Requirement, Criterion, or Limitation	ARAR Status	Description	Comment	Associated Site
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17636 Chapter 3, Article 7.3 Disposal Site Records	Applicable	Weight/Volume Records the weight or volume of waste accepted must be determined to an accuracy of 110%	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17637 Chapter 3, Article 7.3 Disposal Site Records	Applicable	Subsurface Records the length and depth of any cut(s) made in natural terrain where fill will be placed and the depth to groundwater must be determined and documented	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17638 Chapter 3, Article 7.4 Disposal Site Improvements	Applicable	Site Security the perimeter of the landfill must be secured either through barriers or topographic constraints to discourage unauthorized entry	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17639 Chapter 3, Article 7.4 Disposal Site Improvements	Applicable	Access Roads landfill roads must be reasonably smooth to minimize dust and tracking of materials onto public roads	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17676 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Confined Unloading Requires limiting unloading area, controlling windblown materials, and deposition at toe of fill	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17677 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Spreading and Compacting Requires spreading and compacting of refuse in layers	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17678 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Slopes and Cuts The slope of the working face shall be maintained at a ratio which will allow effective compaction of the wastes The depth of cuts and slopes of trench sides shall not exceed specified horizontal to vertical ratios	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17680 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Stockpiling Requires stockpiled cover material and unacceptable native materials to be placed so as not to cause problems or interference with site operations	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites

State ARARs for Solid Waste Disposal Site Excavation and Consolidation

Source	Standard, Requirement, Criterion, or Limitation	ARAR Status	Description	Comment	Associated Site
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17684 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Intermediate Cover Requires cover on fill where no additional refuse will be deposited within 180 days	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17686 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Scavenging Scavenging is prohibited	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17687 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Salvaging Permitted Salvaging is permitted in a planned and controlled manner	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17688 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Volume Reduction and Energy Recovery Volume reduction and energy recovery are permitted in planned and controlled manners	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17689 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Processing Area Processing area shall be confined to greatest degree practicable	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17690 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Storage of Salvage Salvage material must be safely isolated for storage	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17691 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Removal Storage time for salvage materials shall be limited to a safe duration	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17692 Chapter 3, Article 7.5 Disposal Site Operations	Applicable	Non-Salvageable Items Items capable of impacting public health shall not be salvaged without approval by the agency	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites

State ARARs for Solid Waste Disposal Site Excavation and Consolidation

Source	Standard, Requirement, Criterion, or Limitation	ARAR Status	Description	Comment	Associated Site
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17701 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Nuisance Control: Each site shall be operated and maintained so as not to create a public nuisance	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17704 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Leachate Control: The operator shall take adequate steps to monitor, collect, treat, and effectively dispose of leachates	The state does not intend that subsurface leachate monitoring and collection systems need to be installed at existing sites unless there is evidence of leachate production and/or accumulation. Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17705 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Gas Control: Landfill gas control may be required based on the monitoring results	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17706 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Dust Control: The operator shall take adequate measures to minimize the creation of dust	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17707 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Vector and Bird Control: The operator shall take adequate measures to control or prevent the propagation, harborage, or attraction of flies, rodents, or other vectors, and to minimize bird problems	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17708 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Drainage And Erosion Control: Adequate drainage shall be provided. Effects of erosion shall be promptly repaired and steps taken to prevent further occurrence	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17709 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Contact with Water: No solid waste shall be deposited in direct contact with surface water	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17710 Chapter 3, Article 7 & Disposal Site Controls	Applicable	Grading of Fill Surface: Covered surfaces of the disposal area shall be graded to promote run-off and prevent ponding, accounting for future settlement	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122	For consolidation and excavation sites

State ARARs for Solid Waste Disposal Site Excavation and Consolidation

Source	Standard, Requirement, Criterion, or Limitation	ARAR Status	Description	Comment	Associated Site
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17711 Chapter 3, Article 7.6 Disposal Site Controls	Applicable	Litter Control. Litter and loose materials shall be routinely collected and disposed of properly.	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122.	For consolidation and excavation sites.
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17713 Chapter 3, Article 7.6 Disposal Site Controls	Applicable	Odor Control. The disposal site shall not be a source of odor nuisances.	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122.	For consolidation and excavation sites.
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 17741 Chapter 3, Article 7.6 Disposal Site Controls	Applicable	Burning Wastes. Burning wastes shall be extinguished.	Applies to solid waste disposal sites as defined by Public Resources Code Section 40122.	For consolidation and excavation sites.
California Integrated Waste Management Act of 1989 PRC 40502, 43020, 43021 and 43030	14 CCR 18222 Chapter 5, Article 3.2 Reports of Facility Information	Relevant and Appropriate	Report of Disposal Site Information. The planning and procedural requirements necessary to ensure that solid waste is handled and disposed in manners that protect public health and safety and the environment must be conducted.	Applies to operating solid waste disposal sites as defined by Public Resources Code Section 40122.	For consolidation sites.

14 CCR - California Code of Regulations, Title 14 ARAR - applicable or relevant and appropriate requirement ROD - Record of Decision RMDRA - remedial design/remedial action



Ventura County
Air Pollution
Control District

669 County Square Drive
Ventura, California 93003

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Richard H. Baldwin
Air Pollution Control Officer

June 24, 1996

Ms. Tizita Bekele
Department of Toxic Substances Control
Region 4
245 West Broadway, Suite 425
Long Beach, CA 90802-4444

Subject: Point Mugu Naval Air Weapon Station Cleanup Actions

Dear Ms. Bekele:

The District has reviewed a letter dated June 7, 1996 from Milasol C. Gaslan regarding the determination of applicable or relevant and appropriate requirements for the proposed cleanup activities at the Naval Air Weapon Station, Point Mugu. In reviewing the removal alternatives for Sites 1, 4, 7, 9, and 11, the District understands that any soil contaminated with volatile organic compounds, semi-volatile organic compounds, or total petroleum hydrocarbons will either be excavated and disposed of off site or will be treated on site with thermal desorption.

I have enclosed a copy of District Rule 74.29, "Soil Decontamination Operations", for your review. This rule details the requirements for the excavation, storage, and remediation of soil contaminated with gasoline, diesel fuel, or jet fuel. In general, if the contaminated soil is excavated, properly covered (as defined in Rule 74.29), and disposed of (as hazardous waste) off site, no District permit is required. However, any remediation activity planned for the contaminated soil, such as bioremediation, vapor extraction, or thermal desorption, requires a District Authority to Construct and Permit to Operate.

Contaminated soil remediation activities that do require District permits as detailed in Rule 10, "Permits Required", are subject to the BACT (best available control technology) and emission offset requirements of Rule 26, "New Source Review - Requirements", in addition to the requirements of Rule 74.29. As no details were provided for the thermal desorption project mentioned in the June 7, 1996 letter, I am unable to provide you with any specific requirements for it. As more details become available, please contact me to discuss the permitting and rule compliance requirements for thermal desorption projects.

I hope that this information will be sufficient for your project. If you have any questions, or wish to discuss this matter in further detail, please contact me at 805/645-1421.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kerby E. Zozula', written in a cursive style.

Kerby E. Zozula, Supervisor
Permit Engineering Section

Enclosures

kzarar

Rule 10. Permits Required (except as listed in Rule 23) (Adopted 10/22/68, Revised 5/23/72, 11/21/78, 8/14/79, 7/5/83, 6/13/95)

A. Authority to Construct

1. Requirement to Obtain an Authority to Construct

A person shall not build, erect, install, modify, relocate or replace any emissions unit at a stationary source without first obtaining an Authority to Construct. An Authority to Construct shall be required for any new emissions unit, modified emissions unit, relocated emissions unit, or replacement emissions unit. An Authority to Construct shall also be required for any physical change to an emissions unit which may alter the emissions of air contaminants.

2. Exemptions from Obtaining an Authority to Construct

An Authority to Construct shall not be required for:

- a. New, modified or replacement emissions units at a small stationary source.
- b. Relocation of an emissions unit within Ventura County where the new location is no more than five miles from the previous location and provided there is no emission increase.

For an emissions unit exempted pursuant to this subsection, a person shall apply directly for a Permit to Operate.

3. Contents of an Authority to Construct

The APCO shall list the following information and restrictions in an Authority to Construct:

- a. A description of the emissions units for which the Authority to Construct is being issued.
- b. Any reasonable conditions determined by the APCO pursuant to Rule 29 to be necessary to assure or demonstrate that the stationary source will operate in compliance with applicable federal, state and local rules and regulations. These conditions may include, but shall not be limited to, any applicable requirement(s) to perform source testing, apply for a Permit to Operate or obtain emission reduction credits.
- c. A statement that the granting of the Authority to Construct shall not be construed as an endorsement by the APCD or guarantee compliance with APCD Rules and Regulations.

4. Expiration of an Authority to Construct

An Authority to Construct shall expire and shall be cancelled two years from the date of issuance or when a Permit to Operate or Temporary Permit to Operate is granted or denied, whichever comes

- b. Any reasonable conditions determined by the APCO pursuant to Rule 29 to be necessary to assure or demonstrate that a stationary source and all emissions units at the stationary source will operate in compliance with all applicable federal, state and local emission standards.
- c. The amount of emissions that the APCO determines a stationary source may emit calculated pursuant to Rule 29. This amount is called "Permitted Emissions."
- d. A statement that the Permit to Operate shall not be construed to allow any emissions unit to operate in violation of any applicable State or Federal emission standard or rules of the District.

3. Expiration of a Permit to Operate

A Permit to Operate shall expire annually and must be renewed in accordance with the requirements of Rule 30.

4. Temporary Permit to Operate

During the processing of an application for a Permit to Operate, the APCO may issue a Temporary Permit to Operate. The Temporary Permit to Operate shall specify conditions under which the emissions units may be operated. A Temporary Permit to Operate shall expire when a Permit to Operate is issued, or when the application for the Permit to Operate is denied.

C. Exemption

This rule shall not apply to any emissions unit exempted from permit by Rule 23, Exemptions from Permit.

Rule 26.2. New Source Review - Requirements (Adopted 10/22/91, Revised 2/13/96)

A. Best Available Control Technology

1. The Air Pollution Control Officer (APCO) shall deny an applicant an Authority to Construct for any new, replacement, modified, or relocated emissions unit which would have a potential to emit any of the pollutants specified in Table A-1, unless the emissions unit is equipped with the current Best Available Control Technology for such pollutants.

Table A-1.

Reactive Organic Compounds (ROC)
Nitrogen Oxides (NO_x)
Particulate Matter (PM₁₀)
Sulfur Oxides (SO_x)

2. The APCO shall deny an applicant an Authority to Construct for any new, replacement, modified, or relocated emissions unit with an emission increase of any of the pollutants specified in Table A-2 and where the potential to emit for all the new, replacement, modified, and relocated emissions units at the stationary source, which are covered by the application for such Authority to Construct, would be greater than or equal to the limits specified in Table A-2, unless the emissions unit is equipped with the current Best Available Control Technology for such pollutants.

Table A-2.

Carbon Monoxide	30.0	ton/yr
Lead	0.6	ton/yr
Asbestos	0.007	ton/yr
Beryllium	0.0004	ton/yr
Mercury	0.1	ton/yr
Vinyl Chloride	1.0	ton/yr
Fluorides	3.0	ton/yr
Sulfuric Acid Mist	7.0	ton/yr
Hydrogen Sulfide	10.0	ton/yr
Total Reduced Sulfur	10.0	ton/yr
Reduced Sulfur Compounds	10.0	ton/yr

B. Offsets

1. The APCO shall deny an applicant an Authority to Construct for any new, replacement, modified or relocated emissions unit with an emission increase of any of the pollutants specified in Table B-1, and where the potential to emit of the stationary source would be greater than or equal to the limits specified in Table B-1, unless offsets are provided for any emission increases of such pollutants from the new, replaced, modified, or relocated emissions unit.

Table B-1.

ROC	5.0 ton/yr
NOx	5.0 ton/yr
PM10	15.0 ton/yr
SOx	15.0 ton/yr

2. An applicant required to provide offsets shall use emission reduction credits to provide offsets. The use of emission reduction credits to offset an emission increase shall be restricted to only those emission reduction credits which are not subject to reduction pursuant to Rules 26.4.D.1 and 26.4.D.2 during the reasonably expected duration of such emission increase.
 - a. For any stationary source where the potential to emit would be equal to or greater than the limits specified in Table B-2, offsets for ROC and NOx shall be provided at the tradeoff ratio specified in Appendix A, multiplied by a factor of 1.1.
 - b. For any stationary source where the potential to emit would be less than the limits specified in Table B-2, offsets for ROC and NOx shall be provided at the tradeoff ratio specified in Appendix A.
 - c. Offsets for PM10 and SOx shall be provided at the tradeoff ratio specified in Appendix A, multiplied by a factor of 1.1.

Table B-2.

ROC	25.0 ton/yr
NOx	25.0 ton/yr

3. An applicant for an essential public service who is required to provide offsets may use community emission reduction credits from the essential public service account of the community bank to provide offsets for ROC and NOx if the following provisions are satisfied:
 - a. The applicant is proposing to provide some or all of the required offsets by using any emission reduction credits held by the applicant.
 - b. The potential to emit of the stationary source will not exceed the limits specified in Table B-2.

If no credits are available from the essential public service account of the community bank, the applicant shall provide offsets using emission reduction credits. All ROC and NOx emission reduction credits and community emission reduction credits provided as offsets pursuant to this section shall be provided at a tradeoff ratio of 1.0.

4. For any applicant who is using emission reduction credits to provide offsets, the quarterly profile of the emission reduction credits and the quarterly profile of the emission increase for which the applicant is proposing to utilize the emission reduction credits as offsets shall satisfy the profile check for offsets as calculated pursuant to Rule 26.6.F.

C. Protection of Ambient Air Quality Standards

The APCO shall deny an applicant an Authority to Construct for any new, replacement, modified or relocated emissions unit which would cause the violation of any ambient air quality standard. In making this determination the APCO shall take into account any offsets which were provided for the purpose of mitigating the emission increase.

D. Certification of Statewide Compliance

The APCO shall deny an application for an Authority to Construct for any new, replacement, modified or relocated emissions unit that is located at any stationary source where the sum of all emission increases that occurred during the specified evaluation period would be greater than or equal to any of the limits specified in Table D-1, unless the applicant certifies that all major sources, as defined in their specific nonattainment area, which are located in California and which are owned or operated by the applicant, or by any entity controlling, controlled by or under common control with such applicant, are in compliance or on a schedule for compliance with all applicable emission limitations and standards.

The provisions of this Section shall only apply to a stationary source where any new, replacement, modified, or relocated emissions unit would result in an emission increase of any of the pollutants listed in Table D-1.

For the purpose of this Section the sum of all emission increases shall be equal to the emission increases for all the new, replacement, modified, and relocated emissions units at the stationary source, which are covered by the application for an Authority to Construct, plus all other emission increases at the stationary source that occurred during the evaluation period. For the purpose of this Section the evaluation period shall be a period of five consecutive calendar years consisting of the calendar year in which such application for an Authority to Construct is submitted to the District and the four calendar years immediately prior to the calendar year in which such application for an Authority to Construct is submitted to the District. Emission increases for which an Authority to Construct was issued shall be deemed to have occurred in the calendar year in which such Authority to Construct was issued. Emission increases for which an Authority to Construct was not issued shall be deemed to have occurred in the calendar year in which the physical change or change in method of operation occurred.

Table D-1

NO_x
ROC

25.0 ton/yr
25.0 ton/yr

Appendix A

DISTANCE RATIOS FOR OFFSETS

LOCATION OF EMISSION SOURCE

LOCATION OF OFFSET

	OJAI	VTA RIVER	VTA 1 (OJAI)	VTA 2 (BOTH)	VTA 3 (SP)	S PAULA	FILLMORE	PIRU	OXNARD	PORT HUE	CAMARILLO	LAS POSAS	MOORPARK	SIMI VALLEY	THOU OAKS	OAK PARK	NORTH ZONE	OCS
OJAI	1.0	1.0	1.3	1.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.0	2.0
VTA RIVER	1.0	1.0	1.3	1.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.0	2.0
VTA 1 (OJAI)	1.0	1.0	1.0	1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.0	1.3
VTA 2 (BOTH)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.3
VTA 3 (SP)	NT	NT	NT	1.3	1.0	1.0	1.0	1.0	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.3
S PAULA	NT	NT	NT	2.0	1.3	1.0	1.0	1.0	1.3	2.0	1.3	1.3	1.0	1.0	1.0	1.0	1.0	2.0
FILLMORE	NT	NT	NT	3.0	2.0	1.3	1.0	1.0	2.0	2.0	2.0	2.0	NT	NT	NT	NT	1.0	3.0
PIRU	NT	NT	NT	1.3	3.0	2.0	1.3	1.0	3.0	3.0	2.0	2.0	NT	NT	NT	NT	1.0	3.0
OXNARD	NT	NT	NT	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
PORT HUE	NT	NT	NT	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
CAMARILLO	NT	NT	NT	1.3	1.3	1.0	1.0	1.0	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
LAS POSAS	NT	NT	NT	2.0	1.3	1.0	1.0	1.0	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
MOORPARK	NT	NT	NT	3.0	2.0	1.3	NT	NT	2.0	2.0	1.3	1.3	1.0	1.0	1.3	1.3	1.0	3.0
SIMI VALLEY	NT	NT	NT	2.0	3.0	2.0	NT	NT	2.0	3.0	2.0	2.0	1.3	1.0	1.3	1.3	1.0	3.0
THOU OAKS	NT	NT	NT	3.0	2.0	2.0	NT	NT	2.0	2.0	1.3	1.3	1.3	1.0	1.0	1.0	1.0	2.0
OAK PARK	NT	NT	NT	NT	3.0	2.0	NT	NT	2.0	2.0	2.0	2.0	2.0	1.0	1.3	1.0	1.0	3.0
NORTH ZONE	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	NT	NT	NT	NT	1.0	3.0
OCS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NT-No Trade

With the exception of the north zone of the District and the outer continental shelf, all locations presented in Appendix A are based on the growth and non-growth areas of Ventura County. The growth and non-growth areas were developed by the Countywide Planning Program Advisory Committee and were approved by the Ventura County Board of Supervisors on May 7, 1985. The locations that are not based on the growth and non-growth areas are described as follows:

1. "North Zone of the District": as defined in Rule 7.
2. "Outer Continental Shelf": as defined in Rule 26.1.

Rule 74.29 Soil Decontamination Operations (Adopted 10/10/95)

A. Applicability

This rule is applicable to soils that contain gasoline, diesel fuel, or jet fuel. This rule shall become effective on April 10, 1996.

B. Requirements

1. No person shall cause or allow the aeration of soil that contains gasoline, diesel fuel, or jet fuel, if such aeration:
 - a. Emits organic vapors sufficient to cause a calibrated organic vapor analyzer meeting the specifications of EPA Method 21 to register 50 parts per million by volume (ppmv) above background, as hexane, or more, except nonrepeatable momentary readings, as determined by the method specified in Subsection F.5; or
 - b. Causes a nuisance, as defined in the California Health and Safety Code Section 41700 and Rule 51, Nuisance.
2. No person shall operate a vapor extraction, bioremediation, or bioventing system unless any gasses vented to the atmosphere have an ROC concentration less than or equal to:
 - a. 100 ppmv, measured as methane, if the maximum rating of the system's blower or fan is 300 standard cubic feet (scf) per minute (scfm) or less, or
 - b. 0.08 lb/hour, as determined by the procedure described in Subsection F.3 of this rule, if the maximum rating of the system's blower or fan is greater than 300 scfm.
3. No person shall operate an in situ soil bioventing or bioremediation system that emits fugitive gasses to the atmosphere if such gasses contain organic compounds sufficient to cause a calibrated organic vapor analyzer meeting the specifications of EPA Method 21 to register 50 ppmv above background, as hexane, or more, except nonrepeatable momentary readings, when measured at a distance of three inches from the soil surface.
4. The owner or operator of any underground gasoline storage tank shall notify the District Enforcement Section at least 24 hours prior to beginning the excavation of said storage tank.

C. Exemptions

1. The provisions of this rule shall not apply to soil that was contaminated by a leaking storage tank used in an agricultural operation engaged in the growing of crops or the raising of fowl or animals.

2. Subsection B.1.a shall not apply to any soil aeration project where the owner or operator demonstrates to the satisfaction of the Air Pollution Control Officer that the following two requirements are satisfied:
 - a. The project is not located within 1,000 feet of the outer boundary of a school, and
 - b. The project will result in the emission of less than 200 pounds of ROCs per rolling twelve month period.
3. The requirements of Subsection B.1.a shall not apply:
 - a. To soil excavation activities necessary for the removal of in situ soil such as in the removal of an underground storage tank, pipe or piping system, provided the exposed soil is properly covered within one hour of terminating the activity; or
 - b. To soil moving, loading, or transport activities performed for the sole purpose of complying with local, state, or federal laws, provided the soil is properly handled in accordance with such laws; or
 - c. To soil excavation or handling occurring as a result of an emergency as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized agency officer. Whenever possible, the Air Pollution Control Officer shall be notified prior to commencing such excavation; or
 - d. To any soil aeration project involving less than 10 cubic yards of contaminated soil, provided the soil contains less than 0.8 percent by weight contaminant, as analyzed in accordance with Subsection F.2; or
 - e. Where the soil contamination resulted from a spill or release of less than one barrel of diesel fuel, jet fuel, or gasoline; or
 - f. To contaminated soil used as an alternative daily cover at permitted Class III Solid Waste Disposal Sites.
4. The pound per hour emission limit in Subsection B.2.b may be exceeded on a case by case basis provided the applicant has demonstrated to the satisfaction of the Air Pollution Control Officer that the system will operate in compliance with Rule 51, Nuisance. The Air Pollution Control Officer's approval shall be specified as a condition on the system's permit to operate.

D. Recordkeeping Requirements

For any soil aeration project subject to this rule, records showing each date that soil was aerated and the quantity of soil aerated on each date shall be made available to the Air Pollution Control Officer upon request for at least two years after initial entry.

E. Violations

Failure to comply with any provision of this rule shall constitute a violation of this rule.

F. Test Methods

1. For Subsection C.2.b, the emissions shall be determined as:

$$E = W(P/100)(2000)$$

Where

E - Emissions (pounds)

W - Estimated weight of soil in tons assuming 1.25 ton/yd³

P - The average percent by weight of contaminant in soil, not including methane, found in samples taken and analyzed in accordance with Subsection F.2.

2. The percent by weight of contaminant in soil samples shall be determined by EPA Method 8015B. Samples shall be introduced using Method 5035 (Purge and Trap) and shall be taken in accordance with the Los Angeles Regional Water Quality Control Board's guidelines for contaminated soil sampling. Standards shall be the same as the contaminant believed to be in the soil. - If the soil is contaminated with methanol 85 (M85) the standard used shall be M85.
3. To determine compliance with Subsection B.2.b, the emission rate (ER) shall be determined as:

$$ER = \frac{(MR)(ppmv)(16 \text{ lb/lbmole})(60 \text{ min/hour})}{(387 \text{ scf/lbmole})(10^6)}$$

Where,

MR - Maximum rating of the system's fan or blower in scfm.

ppmv - Contaminant concentration in parts per million by volume, as methane, in the system's exhaust or vent as determined in a manner consistent Subsection F.4 and according to a monitoring schedule approved by the District.

4. The organic vapor concentration in the exhaust of a vapor extraction, bioventing, or bioremediation system shall be determined using an instrument that meets the specifications of EPA Method 21. The probe inlet of such instrument shall be placed

on the centerline of the exhaust or vent, upstream of the point where the exhaust gasses meet the atmosphere.

5. In determining compliance with Subsection B.1.a, a portion of soil measuring three inches in depth and no less than six inches in diameter shall be removed from the soil surface and the probe inlet shall be placed near the center of the resulting hole, level with the soil surface surrounding the hole.

G. Definitions

1. "Aeration": The exposure of excavated contaminated soil to the atmosphere without the use of air pollution control equipment or vapor extraction equipment.
2. "Alternative Daily Cover": Soil that is applied on a daily basis or less frequently as a covering over landfill waste. Such soils may have a gasoline concentration of up to 100 parts per million by weight (ppmw) and a diesel fuel concentration of up to 1,000 ppmw under requirements established by the Los Angeles Regional Water Quality Control Board.
3. "Bioremediation system": A system that uses endogenous or exogenous biological agents to degrade soil contaminants to less hazardous compounds. In bioremediation, microbial processes are controlled by factors such as soil pH, salinity, oxygen level, water content, and nutrient level.
4. "Bioventing system": A type of bioremediation system in which air or oxygen is supplied to the unsaturated zone of contaminated soil to stimulate aerobic biodegradation of soil contaminants. Bioventing systems are designed to provide only the necessary amount of oxygen for biodegradation while minimizing contaminant volatilization. Bioventing may be implemented by injecting air or oxygen through a screened well in the contaminated zone or withdrawing air through a screened well, thereby drawing air into the contaminated soil from the surrounding clean soil. Bioventing systems may or may not have a vent to the atmosphere.
5. "Contaminant": Diesel fuel, gasoline, or jet fuel.
6. "Contaminated": Containing diesel fuel, gasoline, or jet fuel.
7. "Diesel Fuel": A blend of petroleum called middle distillates (heavier than gasoline but lighter than lubrication oil) that may contain additional additives.
8. "Gasoline": Any petroleum distillate having a Reid vapor pressure of 4.0 pounds per square inch or greater, which is sold or intended for sale for use in motor vehicles or engines and is commonly or commercially known or sold as gasoline. Under this definition, methanol 85 (M85) shall be considered gasoline.

9. "Methanol 85 (M85)": A blend consisting of 85 percent methanol and 15 percent gasoline.
10. "Nonrepeatable Momentary Readings": "Indications of the presence of organic gasses using a detector meeting the apparatus requirements of EPA Method 21 which persist for less than five seconds and do not recur when the sampling probe is placed in the same location for at least twice the response time of the instrument.
11. "Owner or operator": Any person or authorized representative who has legal title to, leases, operates, controls, or supervises the operation of:
 - a. An underground storage tank, including pipes connected thereto, or the real property on which such tank or pipes are located, or
 - b. Real property on which surface or subsurface soil will undergo aeration to remove contaminants.
12. "Properly Covered": Contaminated soil shall be considered properly covered provided one of the following requirements is satisfied:
 - 1) The soil is placed on concrete, asphalt, or plastic sheeting and completely covered so that emissions from the soil would not exceed the limit specified in Subsection B.1.a. The soil may be covered with a minimum of six inches of soil that has been determined to be not contaminated.
 - 2) The soil is placed in one or more sealed containers.
13. "School": Any public or private establishment used for the purpose of educating more than 12 children in kindergarten or any of the grades 1 to 12, inclusive, but does not include any private establishment in which education is primarily conducted in private homes.
14. "Soil Aeration Project": One or more operations conducted at a stationary source over any 12-month rolling period, in which excavated and contaminated soil is exposed to the atmosphere without the use of air pollution control equipment or a vapor extraction system.
15. "Underground Storage Tank": Any one or combination of tanks, having at least 10 percent of the underground tank system volume, including the volume of any connected piping, below the ground surface or enclosed below earthen materials.
16. "Vapor Extraction System": An underground or aboveground system that extracts contaminants from soil or ground water using air injection and/or suction and routes the vapors to the surface of the contaminated soil. This definition does not include equipment

designed or used to expose soil openly to the atmosphere to facilitate evaporation of ROCs.

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